



MONASH
University

MONASH
INFORMATION
TECHNOLOGY

Industry Experience Expo Programme (Session 2)

1:30 pm Tuesday 20th Oct 2026

Monash Industry Experience Team
Oct 2026

TOPIC: AGE-FRIENDLY AUSTRALIA

Team TP08
CodeCatalysts

Help Non-technical people understands the technical aspect of privacy/security.

BeforeAccept is a web application that helps people understand the risk levels behind different cookie-consent choices and explains complex data-breach notifications in simple language. It guides users on what each consent option means, highlights potential privacy risks, and provides clear next-step actions if their data has been exposed.

Team TP14
SixSync

Helping older Australians connect

EchoCommunity is a community engagement platform designed to help older adults discover local activities, connect with community events, and access practical support. The platform brings together external events and community-hosted activities in one place, allowing users to explore opportunities based on location, preferences, and accessibility needs. It also supports event participation, feedback, support requests, and volunteer involvement. EchoCommunity aims to reduce barriers to social participation by providing a simple and accessible digital experience. By combining community information, personalised recommendations, and support features, the platform encourages stronger local connections and helps older adults participate more confidently in their communities.

Team TP21
Two One

Connecting older Australians with family, community and local activities.

AgeTogether Australia is a digital platform designed to reduce social isolation among older Australians living independently. It helps older adults stay connected with family, discover nearby activities and community places, and access simple AI-powered companionship. The platform focuses on trusted connections, local participation and an accessible user experience for older adults with varying levels of digital confidence. By bringing family connection, community discovery and digital support together in one place, AgeTogether aims to help older Australians stay socially connected, engaged and independent.

Team TP42
Vo500

Helping older adults find local activities and services

Age-Friendly Australia helps adults aged 65+ in Greater Melbourne discover local activities, essential services, and nearby public transport in one place. Many older adults struggle to find age-appropriate community events or navigate scattered service directories across councils and health providers. Our platform combines open government datasets (Eventfinda, Aged Care Service List, PTV GTFS) to surface relevant, verified activities and services, calculate walking distance to the nearest transport stop, and let users save items for later. Built with data transparency in mind, every listing shows exactly where its information came from — no invented details, ever.

Team TP27
sudo make me a
team name

Helping older Australians find their next step after major events

Geureka! is a self-discovery and journey-recommendation platform, where users will reflect on their journey in life so far and look forward to their next steps. Geureka! helps older Australians figure out what's next - whether it is finding a new hobby or making new friends!

Team TP35
OpenCloud35

Helping older adults confidently discover and attend CBD activities

Aged & Engage is an accessible web platform designed to help adults aged 65 and over in Melbourne CBD discover and attend suitable local activities. It brings together trusted activity information and allows users to search, filter and compare activities without creating an account. The platform provides clear information about transport options, walking distance, venue accessibility and nearby public facilities. Original source links, update details and clear data labels help users make informed and confident decisions when planning local activities.

TOPIC: AUSTRALIA'S COMMUNITY WELLBEING**Team TP06**

serinea

Serinea helps you compare regional Victorian towns on affordability, lifestyle, services, and available relocation incentives.

Serinea is a web platform designed to help people discover more affordable and liveable regional towns across Victoria. It helps users compare towns based on factors such as housing affordability, lifestyle, essential services and community wellbeing. Serinea also highlights available incentives that may support people considering a move to regional Victoria. By bringing this information together in one place, Serinea helps individuals and families explore regional living options and make more informed decisions about where they could live based on their needs and priorities.

Team TP15

AgileWolf

Connecting Melburnians through shared local activities and meaningful experiences

Arrive Together is a web application designed to help socially disconnected Melburnians discover local activities and connect with people who share similar interests. It brings free and ticketed events, community places and nearby activities into one accessible platform. By supporting shared participation and helping users feel more comfortable attending activities with others, Arrive Together aims to reduce social isolation and encourage meaningful, lasting community connections.

Team TP24

Datavex

Helping desk workers take healthy, time-safe movement breaks

MoveBreak is a product that helps desk-based workers take realistic, healthy movement breaks during the workday. Users choose their available time, energy level, and preferred setting to receive personalised indoor activities or time-safe outdoor destinations around Melbourne. The platform provides guided timers, route links, break planning, and optional anonymous team leaderboards to encourage consistent wellbeing habits.

Team TP41

Aegis Well-Being

Enable easy food tracking for individuals with co morbidities.

DietAegis is a web application designed to help Australian adults managing both diabetes and high cholesterol simplify their nutrition. Managing both conditions often involves fragmented advice, heavy mental math, and emotional strain. DietAegis eases this burden through seamless food logging that converts complex nutrition labels into clear, real-time diabetic and cholesterol impact scores. Featuring historical progress insights and empathetic, personalized tracking tailored to the user's emotional state, DietAegis transforms daily dietary monitoring into a supportive act of self-care.

Team TP51

Sixfinity

Improving cancer screening access for Victoria's diverse communities

Screening Pathway Companion is a privacy-focused web application designed to help culturally and linguistically diverse (CALD) adults in Victoria better understand and navigate cancer screening. The platform provides clear, plain-language and multilingual guidance for bowel and cervical screening, helping users understand eligibility, screening steps, trusted information and appropriate next actions. It also supports users in finding relevant local health services and preparing for healthcare conversations. The application does not provide diagnosis or medical advice and does not store personal health records.

Team TP26

NudgeSix

Helping Melbourne newcomers discover places matching their mood

The First Step is a mobile-friendly website for young adults aged 18–24 who are new to Melbourne and unsure where to go in their free time. A short, visual questionnaire asks about their current mood, preferred atmosphere and how far they want to explore, without requiring them to choose an activity first. The website then uses Victorian open data to suggest suitable places, including parks, galleries, music venues, sports facilities and picnic areas. Results include location, distance and source information, helping newcomers take a simple first step towards exploring Melbourne.

Team TP34
Friends Without
Benefit

Providing personalised activity recommendations for Melbourne young adults

MoveWell is a web platform designed to help young adults aged 18–34 in Melbourne become more physically active by making it easier to discover suitable local activities. The platform allows users to explore activity locations, filter options by preferences such as activity type, intensity and environment, and receive personalised recommendations based on their preferences, suburb and travel distance. It also provides map-based discovery and clear recommendation reasons to reduce the effort required to find activities that fit users' needs and daily routines.

TOPIC: BRAIN HEALTH

Team TP04 ION

Guided Environmental Assessment for Safer Spaces

Threshold provides a simple and structured way to assess physical spaces that may affect people experiencing cognitive decline or neurodivergence.

The application combines guided questions, room selection, progress tracking, photo capture, and automated image analysis to help identify concerns such as poor lighting, glare, low contrast, clutter, unclear signage, and other potential obstacles.

The aim is not to replace professional assessment, but to provide users with a practical first-pass tool that helps them recognise possible environmental concerns and understand why they may matter.

Team TP11 Sееed

Create healthier daily activities through activity suggestions

BrainPace is a non-medical web application that helps users build healthier everyday routines. It asks users about their available time, preferred intensity, environment and lifestyle focus, then recommends suitable small activities and nearby places using public open data. The goal is to move users from simply browsing information to taking one realistic action, such as walking, swimming, cycling or doing a short home activity, and reflecting on their progress afterward.

Team TP18 Sepalworks

Helping dementia carers feel informed, supported and less alone.

Caring for someone with dementia is demanding, often without clear information or support for yourself. CarerBridge helps dementia carers feel recognised, informed and connected: an evidence-backed dashboard on dementia prevalence, care needs and support options, quick self-care exercises for stressful moments, a facility finder that ranks aged care options by an evidence-based score and a visit planner that turns each visit into an evidence-led checklist and suggests activities. This is real support for the person doing the caring.

Team TP29 PokéPixel

Helping families build brain-healthy eating habits

BrainCare Family is a website that helps families build everyday habits linked to brain health. Users explore clear, evidence-based information about lifestyle risk factors, then complete a short nutrition quiz. Based on their answers, the site recommends reviewed recipes that respect dietary patterns, allergies and ingredient exclusions, and explains why each suggestion fits. The focus is practical guidance and safer food choices—not medical diagnosis, risk scores or treatment. Families can return to adjust their answers and find options that better match their needs.

Team TP45 SteadFrame Lab

AI-powered task management platform that helps people with ADHD prioritise, focus and stay organised.

Dayledger is a desktop task planner that helps young adults with ADHD start, focus on, and finish their daily tasks. Its AI companion breaks overwhelming goals into small, startable steps, while priority colored cards, focus timers, and gentle reminders lower the barrier to beginning. For example, Dayledger integrates Melbourne open weather and daylight data to reveal how local conditions shape each user's completion patterns, then suggests the best times to plan demanding work. Positive feedback sits at its core: streak heatmaps, small reward pixel game, and a 3D history sphere celebrate every finished task, turning consistency into visible achievement.

Have questions?

[Click to join the Information Session](#)

Team TP54
Polar Penguins

An environmental cognitive accessibility companion for older Victorians.

NeighbourlyMinds is a unified, independent environmental cognitive accessibility companion designed specifically for older Victorians experiencing early-stage progressive memory changes. Shifting focus away from clinical stigma, the platform empowers users by framing navigation barriers as environmental issues, such as poor lighting and low contrast.

Key features include a normalization dashboard using demographic data, interactive 2D room adaptation guides, a computer-vision indoor hazard auditor, a daytime sensory outing scheduler, and straight-path landmark routing. By helping users confidently adapt their homes and plan low-stimulation trips with printable pocket cards, NeighbourlyMinds preserves independent living and reduces wayfinding anxiety.

TOPIC: CIRCULAR ECONOMY WASTE**Team TE10**

RegenOrbit

Helping families make safer, smarter choices about household e-waste.

FixForward is a Melbourne-focused website that helps adults make informed decisions about faulty household appliances and teaches children aged 7–12 about e-waste through FixForward Quest. Adults can identify an appliance, check recalls and warning signs, compare repair and replacement costs, and explore repair or recycling services. In a separate child-safe experience, children help illustrated characters Pip and Flo solve fictional appliance stories, find clues, sort items, earn Sparks and unlock discoveries. The game never asks children to inspect real appliances, while parent guidance connects its lessons to responsible choices at home.

Team TE16

ByteRun

Mapping Melbourne tree health, recommending sustainable solutions handling green waste

TreeCycle is a data-driven urban-forest planning system that helps Melbourne prepare for large upcoming waves of aging-tree removals. It transforms open tree, canopy and green-waste datasets into forecasts of remaining tree life, waste generation and cluster-level recycling opportunities. By analysing DBH, species and age data—“TreeCycle combines tree age, DBH and species information with allometric reference data to estimate remaining life and future green waste.”—the platform supports circular actions like mulch and biochar, heat-map insights, and long-term canopy resilience for planners and communities.

Team TE25

Team Chindo

Photograph a skip, get an EPA-grounded recovery plan per material.

SiteSort is an AI decision-support app for small and medium construction and demolition contractors in Victoria. Photograph a skip and SiteSort identifies the materials and estimates their weight. Contractors correct the list, flag anything possibly hazardous, and choose a recovery pathway for each material, with reuse ranked first and landfill last. The app matches every material to a registered local facility, shows the diversion rate and landfill levy avoided, then drafts a site report citing EPA Victoria guidance, ready to export as a PDF. Every figure traces to a public source or the contractor's input, and photos are never stored.

Team TE32

Scope Creepers

Helping people repair, reuse, resell, or recycle electronics.

EcoReviv is a web application that helps people make better decisions about unwanted or damaged electronic devices. Users enter information about a device and its condition, and EcoReviv recommends whether it should be repaired, reused or resold, or recycled. The platform then provides practical next steps such as repair guidance, resale or reuse options, and nearby recycling locations. EcoReviv aims to extend the useful life of electronics, reduce unnecessary e-waste, and encourage more sustainable disposal and consumption habits.

Team TE35

Gress

Keep user clear visible of what in the fridge and provide advice on use or shopping.

KitchMemo is a smart food-management app built around an interactive 3D kitchen. It connects fridge inventory, expiry reminders, shopping plans, and household sharing so young households can understand what they have, reduce food waste, and receive timely guidance without turning kitchen management into administration.

TOPIC: CULTURALLY DIVERSE HEALTH**Team TE02**
The Undefined Six

Helping culturally diverse Australians make safer outdoor decisions

Outdoor safety information in Australia is often scattered, technical, or written without diverse and multicultural communities in mind, leaving many families unsure how to prepare before visiting beaches or trails. TideWise is a website designed to help culturally diverse Australians make safer, more confident outdoor decisions by translating beach and bushwalking conditions, official warnings, and weather data into short, plain-language guidance. It provides a pre-visit checklist, real-time condition and hazard information, scenario-based practice with AI feedback, and prompts to revisit conditions before changes occur — reducing information overload while building practical safety knowledge for beach and trail visits across Victoria.

Team TE14
Second Voice

Helping culturally diverse communities communicate confidently in Australian healthcare emergencies

SOSpeak is a multilingual website that helps people from culturally and linguistically diverse communities speak up in Australian healthcare and emergency situations. For those with limited English — often older adults — a medical moment can be frightening and isolating. SOSpeak offers one-tap emergency help, verified phrases in Mandarin, Cantonese, Vietnamese and Italian, a guided body-chart to describe symptoms, nearby hospitals and interpnugal summaries staff can read. Built accessibility-first with large text, high contrast and read-aloud audio, it first so no one goes unheard when it matters most.

Team TE26
PrismWay

Improving access to culturally responsive healthcare for diverse communities.

EachPath Health is a dual-sided digital health platform designed to improve access to culturally responsive healthcare for diverse communities. The mobile app supports people seeking healthcare access through culturally contextualised guidance, AI-enabled visual support, trusted health resources, and service navigation. Separately, the partner-facing web platform uses area-level community, service, and access data to support more targeted and equitable healthcare outreach. The current pilot supports Vietnamese-speaking adults undertaking bowel cancer screening in Brimbank, while the platform is designed to scale across communities, locations, and healthcare needs.

Team TE31
SenseHealth

Connecting culturally and linguistically diverse people with Australian healthcare.

Australia's health system is free and available but for the newly settled Culturally and Linguistically Diverse (CALD) people, knowing it exists is the barrier, not affording it. The health system is often confusing even for people who grew up here layered with entitlement rules, service types, and unfamiliar terminology, all usually explained only in English. HealthHere is built around three most important questions every new arrival needs answered: "What health services exist?", "Can I use them?", and "How do I access them?". HealthHere allows users to find and access health services and make free entitlements known to them.

Team TE36
DeepLuna

Increase cervical cancer participation rate for CALD background women in Australia.

ScreeningTogether AU is a web application designed to increase cervical cancer screening participation among women from culturally and linguistically diverse backgrounds in Australia. It provides accessible health information through interactive visualisations and engaging games that explain the screening process, what to expect, and the importance of early screening, helping users feel more informed and confident about participating in cervical screening.

TOPIC: DIGITAL TRUST & CONSUMER SAFETY

Team TP05
ERIDIANS

Ageventure - Healthy ageing adventure for aged people

AgeVenture is a website which turns healthy-ageing guidance into an interactive “choose-your-day” story. Players step into Carol’s day, make realistic choices about transport, activity, and connection, then receive plain-language reflection across eight healthy-ageing domains and practical local resources. With no login, health-data collection, or pass/fail scoring, the experience makes evidence-backed guidance easier to understand through lived experience.

Team TP22
TWN2TY

Help parents give their kids a healthy diet

FoodTrust is a website that helps parents make informed decisions about packaged foods for children aged 6–36 months. By scanning or searching a product, parents receive personalised nutrition analysis based on their child’s age, allergies, and nutrition goals — going beyond generic labels to explain what the ingredients actually mean for their child. FoodTrust also lets parents track foods consumed throughout the day, comparing combined nutrient intake against age-appropriate daily reference values, so they can understand overall patterns rather than judging a single product in isolation.

Team TP43
SYNOVARA

TrustCue aims to make digital trust and consumer safety

TrustCue is a digital trust and consumer safety information and education hub designed for Australian consumers aged 45 and above. It brings together reliable information from Australian government agencies, consumer organisations, financial institutions and other credible sources to help users understand scams, identity theft, AI-enabled deception, privacy risks and other emerging digital threats.

Rather than functioning as a scam-detection tool, TrustCue focuses on risk awareness, prevention and consumer education. It transforms fragmented digital-safety information and real-world cases into accessible guidance, warning signs, practical actions and learning resources, helping consumers make safer and more informed decisions online.

Team TP50
PinLogic

Helping users identify unfair terms before accepting online agreements

BeforeYouAgree is a web platform that helps users understand potentially unfair terms before accepting online agreements. It retrieves and analyses terms of service and privacy policies, then uses a fine-tuned LEGAL-BERT model to identify clauses involving liability limitations, unilateral changes, termination, content removal, arbitration, jurisdiction and other risks. Results are displayed by category to help users review important clauses more efficiently and make better-informed decisions. The system provides automated screening rather than legal advice.

Team TP13
Sailstorm

Privacy made clearer. Decisions made easier.

Consent Assistant is a digital privacy support tool designed to help older adults in Victoria better understand privacy policies and make informed consent decisions when using websites and applications. The solution simplifies complex privacy policies into clear, plain-language summaries and highlights important information, including what personal data is collected, why it is collected, who it is shared with, and whether it may be transferred overseas.

Team TP28
HorizonStar

Helping people recognise scams and stay safe online

TrustPath is a website designed to help people recognise online scams and make safer digital decisions. It combines a website checker, scam simulations, and recovery guidance to build awareness and confidence. Users can check links against known phishing records, practise identifying suspicious situations, and find support after encountering a scam. By making scam awareness practical and accessible, TrustPath helps users develop the skills to protect themselves online.

Have questions?

[Click to join the Information Session](#)

Team TP33
OysterGuard

OysterGuard (Decode. Decide. Defend.) helps Australians aged 50 and over in identifying scams and taking safer actions

OysterGuard is a scam-safety platform built to help Australians aged 50 and over to feel more confident when dealing with suspicious messages, payment requests, or online interactions. Instead of simply telling users the suspicious message might be a scam, it explains the warning signs and gives clear guidance on what to do next. The platform includes ScamCheck, scam awareness resources, recovery guidance, and trusted information. It is designed to be simple and easy to use, especially for older Australians who may find online scams confusing and stressful. Our goal is to help people pause, understand the risk, and make a safer decision before taking action.

TOPIC: DIGITAL TWIN FOR FUTURE CITIES

Team TE01
Strikeouts

Helping Melbourne residents understand how nearby developments affect everyday life

Melbourne's changing skyline can make it difficult for residents to understand how nearby developments may affect their daily lives. My City Twin is an interactive website designed to help Melbourne CBD residents explore developments through 3D maps, accessible project information and illustrative sunlight simulations. It aims to make complex planning information easier to understand, helping residents explore potential impacts on familiar places and participate more confidently in conversations about their neighbourhood.

Team TE09
PAJAK
Innovations

Protecting delivery cyclists from urban hazards through digital twin simulation.

SafeLane Twin is a 3D digital twin engineered to protect commercial food-delivery cyclists from severe urban hazards along Melbourne's high-risk Chapel Street corridor. By integrating open government crash data, road geometry, and transit feeds, the platform transforms localized danger spots—such as car-dooring zones and tram-rail traps—into an explainable, segment-level risk model. Functioning strictly as a stationary pre-ride evaluation tool to eliminate moving screen distractions, it empowers riders to inspect corridor friction, test departure scenarios, and choose safer routes before pedaling.

Team TE15
SkylineTE15

Helping night travellers make informed and personalised journey decisions

MelbTwin is a web-based journey planning platform designed to support people travelling in Melbourne at night. Unlike traditional navigation tools that mainly focus on the fastest route, MelbTwin uses available night-time information, such as street lighting and pedestrian activity, to help users compare route options. Users can personalise their journey preferences and understand how conditions may change at different departure times. By presenting route trade-offs and available evidence clearly, MelbTwin helps users make more informed journey decisions based on their own preferences.

Team TE27
HexCoders

Helping Maribyrnong planners understand flood risk and review historical impacts.

FloodTwin is a web-based planning prototype that helps council planners and urban designers understand flood risk in Maribyrnong. It combines weather, modelled river discharge, historical flood boundaries and infrastructure data in one interactive platform. Users can explore next-day high-discharge estimates, review the October 2022 flood event and identify buildings, roads and facilities within the mapped flood area. Clear maps and summaries support planning discussions and consideration of mitigation options. FloodTwin supports informed decisions but does not replace official flood warnings or professional engineering assessments.

Team TE33
Team33

Understanding impact of urban developments on bird populations.

Melbourne councils and residents want a bird-friendly city, but that requires understanding how urban features affect local birds. Tools like the Urban Forest Visual show the city as it is, not as it could be. UrbanBirds closes that gap: by integrating bird records with buildings, tree canopy and waterways, it lets planners and residents test changes before committing. Whether a green corridor benefits the superb fairywren, or how a development affects habitat, so decisions rest on evidence, not intuition.

Team TE37
Satay Saturday

Helping people choose suitable seasonal activities in Melbourne

Seasonal Melbourne is a web platform designed to help people discover suitable activities and public spaces across Melbourne. It uses a Digital Twin to connect location, time and environmental conditions, helping users understand how current and forecast conditions may affect their activity choices. The platform also allows users to explore activities based on their interests, compare suitable destinations, consider practical participation conditions, and connect their selected activity and destination with public transport planning.

TOPIC: FUTURE JOBS AUSTRALIA

Team TE03

SynBrain

Helping women get back to work smoothly after a careerbreak.

Women remain underrepresented in Australia's technology workforce, accounting for 32% of technology workers in 2025, with career breaks creating major re-entry barriers as tools and AI rapidly evolve. CareerTimeMachine is a website designed to help women maintain their skills and confidence during their leave. The platform identifies in-demand industry skills and provides personalised, self-paced lessons paired with realistic workplace scenarios. Rather than starting from the beginning, CareerTimeMachine helps returning professionals recognise the value of their existing experience, adapt to industry changes, and take their next step back into the workforce.

Team TE08

Tenacious
Innovators

Guiding young Australians towards future ready careers and education pathways

JobScaper is a web application designed to help young Australians aged 18–20 make confident and informed post-school career decisions. It brings together education and training pathways, career recommendations, labour-market information, regional employment opportunities and AI-related insights in one accessible platform. By connecting students' interests and skills with University, TAFE and vocational pathways and trusted open-data evidence, JobScaper helps users explore suitable options, understand employment opportunities and make more informed decisions about their future education and careers.

Team TE17

Tyvora Tech

Helping people with job scope after a career break.

Career breaks can make returning to work feel uncertain as occupations, technology and job opportunities continue to change. Career Telescope helps people understand what has changed in their field, what support and entitlements may apply to them, and what opportunities are available. By bringing together evidence on occupations, AI impact and the job market, the platform helps career returners explore their options and make more confident decisions about their next step.

Team TE34

DeepSick

Turning degrees into career pathways for Australian students

Every year, thousands of Australian students graduate without realising the range of careers their degree could lead to, while the labour market keeps shifting beneath them. HireWay is a web platform that turns a student's education and current skills into personalised career directions. Built entirely on Australian Government open data — Jobs and Skills Australia projections, ABS occupation classifications and CRICOS courses — it recommends occupations with explainable match scores, shows each role's projected growth, median earnings and state-by-state hiring demand, and breaks down the skills needed to get there, so every suggestion comes with the evidence behind it.

TOPIC: HEALTH TECH**Team TE06**

Silentoe

Quick physical breaks to alleviate anxiety for young adults

CatchaBreak is a web app that helps Australian students aged 16–24 manage anxiety by making physical activity fit into busy and sedentary schedules. Rather than generic workout advice, it gives personalised recommendations based on how much time and energy a student actually has, so movement feels doable instead of overwhelming. Additionally, every recommendation is grounded in published research, linking physical activity to reduced anxiety and better mental health.

Team TE11

Gamma

Supporting healthier study habits through personalised breaks and wellbeing guidance

StudyBloom is a web-based wellbeing platform designed to help university students build healthier study habits. It supports students during long study sessions through break and hydration reminders, guided movement activities, study-health awareness, and camera-assisted posture and focus monitoring. StudyBloom also provides personalised activity and outdoor break suggestions based on user context and feedback. The platform aims to reduce prolonged sitting, eye strain, poor posture, and unhealthy study routines while giving users clear privacy controls over monitoring and personal data.

Team TE20

HEZeroneTE20

Helping elders to understand drinks as their getting older

SipAware is a mobile-first preventive health web application designed for Australians aged 50–69 who drink alcohol in everyday and social settings. It helps users understand their alcohol consumption by converting drinks into standard drinks, comparing intake with Australian health guidelines, and highlighting age-related alcohol risks. Users can record drinks manually, search or scan existing products, review their drinking history and trends, and export a summary for discussion with a GP. SipAware aims to make trusted alcohol-health information easier to understand and apply to everyday drinking decisions.

Team TE22

Break in Codes

Decoding children's snacks and showing parents what to pack instead

Australian food labels do not disclose how processed a product is, and the Health Star Rating is voluntary and scores nutrients rather than processing. BiteSwap is a free, no-login Progressive Web App for parents of children aged 6 to 10 in Victoria. Scan or search a lunchbox snack and it shows which processing group the food falls into, the exact ingredients behind that, sugar as teaspoons, and one alternative from the same category compared on three label figures. It never gives a score. Whole-food alternatives with preparation methods follow.

Team TE24

cow boys from hell

Helping health anxiety through mindful pauses, not compulsive checking

Curbi is a website designed to help people with health anxiety resist the urge to compulsively check their symptoms online. When users feel that urge, Curbi offers a short guided pause and redirects them to a calming alternative task, tracked with a timer. It also helps users find nearby Victorian mental health services by suburb or postcode, and offers ambient background music plus a collectible companion system that rewards completed tasks — encouraging healthier coping habits, with no login required and no medical diagnosis or judgment made by the app.

Team TE30

Git Happens

Breaking language barriers in healthcare access for Victorian migrants.

Healthere is a multilingual healthcare navigation app designed to help migrants in Victoria overcome language barriers and unfamiliarity with the Australian healthcare system. It combines healthcare translation, nearby hospital and healthcare service discovery, interactive maps, and emergency resource information in one accessible platform. Users can find nearby healthcare services, communicate essential information in their preferred language, and access Triple Zero (000) during emergencies. HealthAhead also supports family members and carers assisting older migrants. The app aims to make healthcare navigation simpler and more accessible without collecting personal medical data or providing medical diagnosis or treatment advice.

Team TE39
VPhantom

Helping parents choose healthier environments for their children to grow.

KinderPrint is a digital health platform connecting child development, environmental conditions and healthcare access to help families and health-promotion practitioners make informed decisions. Families can identify potential child-health concerns and supportive conditions where children grow up, compare localities, understand nearby healthcare and early-childhood services, and explore how health-relevant conditions may change over the next 5 - 10 years. Health-promotion practitioners can identify unexpected developmental patterns, investigate environmental differences and uncover opportunities for prevention. By transforming fragmented data into evidence-based insights and future outlooks, KinderPrint supports healthier family choices and more targeted preventive health promotion.

TOPIC: IMPROVING WORKFORCE SAFETY**Team TE07**

BirSeven

Promoting heat risk awareness for construction workers

Melbourne construction workers face severe health risks from extreme heat exceeding the 35°C regulatory threshold. Manual, inefficient mitigation methods have contributed to nearly 1,000 lost disability-adjusted life years and a 5.3% surge in compensation claims on hot days (33°C–36°C). HeatPulse solves this by offering an individualized, location-based platform that uses real-time data to provide personalized heat risk assessments and actionable safety preparation directly to workers.

Team TE12

Safely Sentinel

Turns CCTV into a safety net, preventing injuries and automating compliance work

Since 2019, eight people have died in Victorian forklift incidents, three of them pedestrians, and pedestrians accounted for 65 of 157 accepted forklift-injury claims in 2023 alone. One 2021 death led to Victoria's first workplace manslaughter conviction, with the fine set to 3 million AUD on appeal. Safely_AI is a computer-vision safety platform which helps warehouse managers act before harm occurs. It detects forklift-pedestrian near-misses and PPE non-compliance from CCTV footage already in place, flagging locations where recurring risk demands a safety control review, and drafting the incident report. We turn existing footage into the early warning that prevents the next fatality.

Team TE19

MosaicFive

Helping heavy vehicle drivers plan safer journeys and reduce fatigue

RouteRest is a web application designed to help long-distance heavy vehicle drivers plan safer journeys and reduce fatigue-related risks. It helps drivers check realistic arrival times, plan required rest breaks, and find suitable rest and refuelling locations. During the journey, RouteRest provides fatigue risk updates and timely safety reminders. AI-powered voice assistance supports safer, hands-free interaction and helps reduce driver workload. By combining journey planning, fatigue prevention and AI support, RouteRest helps drivers make safer decisions before and during their journey.

Team TE21

Chinese can fly

Improve workforce safety

WorkReady is an iOS workforce safety application for construction workers. It uses AI-powered image recognition to check six essential PPE items before roof-framing work. Workers can complete pre-start checks, record attendance, report emergencies, request manual reviews, scan equipment QR codes, and report damaged tools. Managers can monitor PPE compliance, attendance, emergency alerts, equipment conditions, and safety issues. A Flask backend connects the application to PostgreSQL, while privacy-focused design avoids storing raw device identifiers or PPE photographs. The project aims to identify hazards earlier, improve communication, and prevent workplace injuries.

Team TE29

Distinct

Helping Melbourne delivery riders make safer, better-informed travel decisions.

SafeRoute is a website that helps Melbourne delivery riders make informed decisions before starting their shifts. It brings together historical road crash data and hourly weather forecasts to highlight crash hotspots and help riders understand conditions in their delivery areas. Interactive maps allow users to explore crash patterns, while weather information includes temperature, UV, wind and rainfall. SafeRoute supports safety awareness and shift planning without collecting personal location data or requiring an account.

Have questions?

[Click to join the Information Session](#)

Team TE40
Beyond KPI

Helping women find work that treats their body better

Women aged 24 to 30 in Victoria, particularly in healthcare and STEM, cannot see how physically demanding and injury-prone their current job is compared with the roles they could realistically move into. Safe Work Australia holds the injury data. Jobs and Skills Australia holds the occupational mobility data. The two have never been read together. Telosia is a free web application that joins them, showing the physical demands recorded against an occupation alongside the roles people in it actually moved to, and whether each move carries more or less risk. No account, nothing stored, no advice given.

TOPIC: INCLUSIVE DESIGN AND ACCESSIBILITY

Team TE05
Chaotic Good
Vibes

Help finding accessible parking spots in Melbourne CBD just as you arrive

The project responds to a major accessibility challenge for authorised users of accessible parking in the Melbourne CBD. Although more than 500 accessible bays exist, users cannot reliably know if a suitable space will be available when they arrive, leading to long searches, increased physical strain, and cancelled outings. Nationally, most Australians with physical disability consider accessible parking essential, and many have abandoned trips due to unavailable spaces. The project aims to provide real time visibility of accessible bay availability and alternatives, improving independence, reducing uncertainty, and supporting equitable access to the city for people with disability.

Team TE13
Makabaka

Help deaf-mute patients communicate with doctors.

SignCue is an accessible web application designed to support communication between healthcare staff and Auslan-using Deaf patients. It presents reviewed staff recommendations in Simple English, highlights supported words, and provides verified word-level Auslan videos or trusted external resources without replacing the complete message. Patients can confirm, reject, or use alternative response methods, including manual input and interpreter assistance. The platform prioritises keyboard and mobile accessibility, transparent content verification, safe fallbacks, and responsible use of AI-based sign recognition.

Team TE18
RootFinders

Guiding vision impaired travellers safely through Melbourne, by voice

RootFinders is a voice-first walking app for vision impaired travellers in Melbourne. Speak a destination, and the app checks real City of Melbourne footpath, lighting, and safety data to offer a recommended option and a shortest option, each described aloud. Choose one by voice or gesture, and the app guides the traveller there with live spoken directions, start to finish, without needing to see a screen.

Team TE23
Hachimi Mambo

Empowering diverse people to choose food safely and independently

Grocery shopping should be welcoming for everyone, yet deciphering tiny, complex labels often causes stress and dependence. For people managing religious restrictions (such as Halal), vegetarian lifestyles, food allergies, or facing visual and language barriers, getting clear food information is difficult. Guided by human-centred inclusive design, Edibli puts people first. A simple barcode scan delivers instant, plain-language guidance tailored to each individual. By breaking down information barriers, Edibli empowers every person to shop with confidence, independence, and dignity.

Team TE28
Aurevion

Helping wheelchair users find accessible sports venues and events

SportAble Melbourne is a web platform that helps wheelchair users find accessible sports venues and sporting events across Greater Melbourne and Victoria. It provides venue and event search, accessibility details such as toilets, parking, transport and change facilities, accessible directions, and inclusive features like clear map legends, keyboard support, high-contrast mode, and read-aloud summaries. Users can compare confirmed and unknown information, save events temporarily, and export their event list without creating an account.

Team TE38
BitDance

Making Auslan learning accessible, engaging and inclusive for everyone

Our Auslan Learning Assistant is an inclusive digital platform designed to help children, teenagers and families learn Australian Sign Language (Auslan). Users can search for signs, watch instructional videos, read simple descriptions and track the signs they have learned. The

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platform also aims to provide personalised learning recommendations based on each user's learning progress. In future iterations, AI-powered gesture recognition will help learners practise Auslan by checking whether their hand gestures are performed correctly. The project aims to make Auslan learning more accessible, engaging and supportive for both Deaf and hearing users.

TOPIC: ROAD SAFETY FOR YOUNG PEOPLE**Team TP01**

Ro-safety

Helping young drivers know when the ordinary drive is risky

RoadBuddy is a web app for young Victorian drivers on P1 licences, who appear in 27% of Victorian crashes, 28% of them after dark. Existing tools rate the road; RoadBuddy rates the trip. Drivers enter a route and departure time and get a concern level built from Victoria's official crash records, weather and daylight, then see whether leaving later is safer. Short lessons teach the skill the flagged conditions call for, and Ask answers driving questions from the Victorian road-rules handbook. Every figure names its source, and all interaction happens before or after driving, never behind the wheel.

Team TP10

Nextcross

Supporting safer driving conversations between young drivers and parents

Nextcross is a privacy-conscious Android app that helps young drivers and parents plan, review and discuss trips together. Before a trip, it presents relevant historical young-driver crash information and agreed trip conditions. With the young driver's consent, it records trip-only location and driving events on the device rather than providing continuous live tracking. After the trip, it summarises the journey, explains recorded events such as hard acceleration and braking, and offers constructive AI-supported discussion prompts. The project aims to encourage safer driving conversations without surveillance or punishment.

Team TP20BETTER BE
SAFE THAN
SORRY!

Empowering young drivers with smarter road risk awareness

Safe Travels Victoria is a road safety platform designed for newly licensed Victorian drivers aged 18–25. It helps young drivers better recognize and respond to road risks by combining historical crash insights, road-environment intelligence and interactive hazard learning simulations. Users can explore where and how young driver crashes have occurred, understand challenging road environments, and practice realistic scenarios such as peer pressure and poor visibility. By turning complex road safety data into practical and understandable guidance, the platform aims to build stronger hazard awareness and support safer decision making.

Team TP31

Echo Six Lab

Helping young drivers make safer decisions before every journey.

Before You Drive is a website that helps young and novice drivers in Victoria prepare for safer journeys by providing reliable road-safety information, visualising historical crash risks, planning unfamiliar routes and offering pre-departure guidance.

Team TP39

Wheel be safe

Help teenagers travel safely.

Wheel Be Safe is a road-safety project designed to support young P1 and P2 novice drivers aged 18–25 in Victoria. Our project focuses on helping young drivers better recognise driving risks, make safer journey decisions, and receive relevant safety support before and during a journey.

Team TP47

CipherCatalyst

Helping young drivers recognise changing road risks and make safer decisions before driving.

Drivexa is a pre-drive road-risk awareness website designed for young Melbourne drivers. It analyses a planned journey at road-segment level using open road-safety data, including crash history, speed environments, road design, lighting and disruptions. The website highlights where a journey may require more attention and explains the main factors contributing to changing risk. Drivexa provides transparent, explainable relative-risk awareness rather than crash prediction, helping less experienced drivers better understand the road ahead before starting their journey.

Team TP52
McSix's

Helping Melbourne's delivery riders learn, plan, and ride safer roads

Food-delivery riders spend long hours on Melbourne roads, often on routes they have never ridden and under time pressure. RideAware is an iOS app that helps them build road sense in three stages. Short scenarios teach how to read situations like tram-track crossings, ending bike lanes, and the door zone beside parked cars. Before a ride, the app reads the planned route and briefs the rider on the few road changes that most deserve attention. During the ride, quiet audio reminders arrive just before each one. Everything is built from open government data, so riders learn what the road holds rather than being told where is dangerous.

TOPIC: SHIELDING CRISIS & COMMUNITY RESILIENCE**Team TP03**

Cubesix

Helping families test and improve their bushfire plans

FIREBREAK is a web-based platform designed to help Victorian households strengthen their bushfire preparedness. It allows users to build a household preparedness plan, review local bushfire context, test their arrangements against realistic disruption scenarios, and identify hidden weaknesses or missing backups. The platform then provides clear, personalised guidance to help users improve their plan and keep it up to date. FIREBREAK does not replace official emergency services or predict bushfire risk; instead, it helps households turn existing preparedness guidance into practical, testable and actionable plans.

Team TP09

Kith & Kindle

Helping people in crisis (Food, Health...) find support faster.

HLPME is a crisis-support platform with an AI assistant that lets people explain what they're going through and immediately receive prioritised guidance, tailored resources, and clear action steps removing the need to navigate complicated menus and helping users get the right support faster.

Team TP19

PhInTCh

Helping single-parent families access affordable food, housing and support.

HelpingHalf is a web-based platform designed to support single-parent families in Victoria by bringing essential information into one place. It helps users compare housing affordability and safety across areas, find childcare and community support services, and access food support information. By connecting trusted open-data sources with a simple, accessible interface, HelpingHalf reduces the time and effort required to navigate fragmented support systems and helps families make more informed decisions about essential needs.

Team TP30

MALPHA-TECH

Help unemployed people to find work to have financial support.

NextStep is a website to help longtime unemployed people to find their way. To help them find a short term job to cover their daily life. We also provide AI resume to help them polished their resume , improved the opportunity to be hired. At the same time, we provide career path, give them some advice about what they can do next.

Team TP37

BATMANIA

Shielding vulnerable regional families from poverty and catastrophe

ShieldAhead is a progressive web app helping vulnerable, low-income households across Bendigo, Castlemaine, and Harcourt find nearby free Wi-Fi and support services for needs like food and financial hardship, and prepare for emergencies like bushfires and floods. It stores essential information on the device including a Crisis Pack of household contacts, medication notes, and evacuation needs so it stays accessible even without internet during a disaster. By combining live location-based search with saved offline data, ShieldAhead helps regional families stay connected, informed, and prepared before, during, and after a catastrophe strikes.

Team TP46

Zero Latency

Platform connecting food-insecure residents with community pantries and real-time food availability.

Helping Hand is a website that helps people find and compare food support services. Users can search for nearby locations, view them on a map, and check addresses and the types of support each provider offers. The project also aims to make food availability information easier to maintain. In Iteration 2, users will be able to take or upload a photo of food. AI will suggest broad food categories and approximate quantities, but users must review and confirm the results before the inventory is updated. This helps people make more informed choices before travelling to a service.

Have questions?

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Team TP53
smartTP53

Helping Melbourne households navigate pressure and access essential support

HouseholdPath is a privacy-conscious website helping Greater Melbourne households understand and respond to financial pressure. Through fictional scenarios, ABS economic context, and a user-controlled household pressure map, it helps people identify essential needs requiring attention, including food, housing, energy, transport, and health. HouseholdPath then connects users with relevant support options based on their own selections, without calculating personal finances, predicting outcomes, or automatically classifying households.

TOPIC: SIMULATE AUSTRALIA 2050**Team TP07**

Flip6

Bringing the 20-minute city within reach for new families

Newly arrived migrants and young families need walkable access to childcare, schools and healthcare, essentials at the heart of the 20-minute city concept. Yet fewer than 6% of Melburnians live in a 20-minute neighbourhood, and families have no easy way to check whether a home meets the Victorian Government's standard. PlaceAhead is an address-level tool that scores any Melbourne property against it, showing which essential services sit within an 800-metre walk. By pairing walkability with affordability, PlaceAhead helps families compare homes with confidence and choose places that support healthier, more connected lives, reducing the isolation many newcomers face.

Team TP16

TerraPulse 16

Helping Australians find future livability

Liveability across Australia's capital cities is under growing pressure — from transport access to housing affordability and climate risk — yet the data is fragmented and hard to compare. TerraPulse is an integrated web platform that lets residents and planners compare liveability across all eight capital cities using a 2025 baseline, and simulate future scenarios all the way to 2050. Through a Projection Timeline, Trend Chart, Personalised Weighting, and plain-language Explanation Templates, users can prioritise what matters most to them and understand exactly why a score is high or low — turning fragmented data into a personalised, forward-looking decision tool.

Team TP23Key Players,
Different Skills
(KPS)

Modelling future Melbourne in 2050

Future You 2050 is a product that helps newly arrived skilled migrants explore where they could build their future in Victoria. Its interactive simulator connects occupation outlooks, projected income, household circumstances and housing preferences. Users can compare employment scenarios, explore relevant skills and automation exposure, and view projected suburb-level housing affordability on a map. By bringing these insights together, Future You 2050 helps users understand how their career and household choices could shape their future living options through 2050.

Team TP25

Upward Studio

Simulating regional Victoria's future to guide smarter relocation decisions

Ever thought about leaving Melbourne but had no idea where you'd actually go? Most people don't get past that question, because comparing regional towns means trawling through dozens of websites and still not knowing if you'd be happy there. Life Beyond the City brings it all together. Pick a few towns, compare them with Melbourne on jobs, housing, schools, healthcare and lifestyle, then use our 2050 simulator to see how each place is likely to grow. It's built on open government data, and it's for anyone curious about what life could look like beyond the city.

Team TP40

FOX In The Shell

Helping residents reduce neighbourhood heat through tree planting

Cool Change is an interactive web tool that helps Melbourne residents understand neighbourhood heat and tree canopy coverage. Users can search their area, view local heat and vegetation data, and explore how additional tree planting may improve future conditions. The project focuses on low-income residents, renters and households in outer suburbs who have limited ability to make property changes. It turns complex technical data into clear visual information that residents can use to understand heat risks and support requests for local cooling action.

Team TP48

Cha and Chai

Predicting canopy and its heat effects in future

SHADE 2050 is a web platform that helps City of Melbourne planners target tree planting where it will cool the most heat-exposed public spaces, by combining tree canopy, urban heat and building data into a single map that shows shade impact now and projected to 2050.

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Team TP36

Worked on My
Laptop

AI-powered Melbourne livability recommendations using future urban projections

Melbourne Livability is an interactive Melbourne livability platform that helps users explore how different areas may change in the future. It combines historical and projected data on factors such as population, housing affordability, climate risk, green space and essential services at the SA2 level. Users can adjust their preferences to receive personalised area recommendations and compare current and future conditions. AI-powered features will also allow users to ask scenario-based questions, on future urban changes which may affect an area, supporting more informed decisions about where to live.

TOPIC: SUSTAINABLE URBAN ECOSYSTEMS**Team TP02**
Keep Calm &
Team On

Helping Melbourne residents visualise and compare urban greening impacts

Greenchanger is a web-based urban greening simulation tool for Melbourne residents. It uses local heat, vegetation and tree-canopy data to show existing environmental conditions around a selected location. Residents can explore greening actions, compare supported tree species and indicative costs, and visualise potential changes in canopy, shade and space requirements before making a decision. The platform also presents clear data sources, assumptions and limitations, supporting informed discussions between residents and local councils.

Team TP12
Synergy6

Protecting local environments by helping gardeners plant responsibly

PlantAssure is a web application that helps residential gardeners in the City of Monash make informed, environmentally responsible planting choices. Before buying or planting, users can search or browse a plant, or identify one from a photo, to check its Victorian establishment status, local occurrence, and environmental weed-risk rating, drawn from trusted sources like VicFlora, the Victorian Biodiversity Atlas, and the 2022 Advisory List of Environmental Weeds. Where a plant poses a risk, PlantAssure suggests lower-risk alternatives and lets users compare options. By guiding better choices at the point of decision, it helps protect local biodiversity from invasive weeds.

Team TP17
Data Dynamo

Helping older adults adapt to heat and UV in Melbourne CBD

SolAdapt is a mobile-friendly web application designed to help older adults aged 65–74 stay safer during hot and high-UV conditions in Melbourne. It provides heat and UV information, helps users plan outdoor activities at safer times, and identifies nearby cooling options such as shaded areas and drinking fountains. SolAdapt also supports safer travel by suggesting suitable routes and connecting users to navigation. By bringing environmental risk information and practical planning tools together, SolAdapt helps older adults make more informed decisions before and during outdoor activities.

Team TP32
MYNTRIO

Helping parents finding and comparing playgrounds focus on nature contexts

Nature-Linked Playground Finder is a website that helps parents and caregivers find and compare playgrounds across Melbourne's CBD and surrounding inner-city suburbs by providing interactive maps, nearby tree, garden and canopy information, nature profiles, saved preferences, tree-allergen references and seasonal plant guidance.

Team TP38
Ascend

Contribute to canopy equality and report tree planting

Grow Melbourne is a community-focused platform addressing low tree canopy and extreme heat in Melbourne's western suburbs, especially Brimbank. It centralises environmental data, maps priority planting locations, and lets residents report tree needs, support existing requests, explore canopy coverage, and access official council channels. It aims to raise awareness, guide action, and strengthen community participation toward greener, cooler neighbourhoods.

Team TP44
Shadeway

Personalised pathways connecting stressed residents with genuine tree canopy and greener urban spaces.

TouchGrass Melbourne is a website that helps stressed Melbourne CBD residents find genuine tree-dense green space near their workday, to relieve the psychological distress of demanding jobs. Unlike Google Maps, which treats all green space the same, TouchGrass distinguishes real tree canopy, proven to cool the air, reduce noise, and ease psychological distress, from grass or busy playgrounds with little of that benefit. Users can set preferences like tree canopy, shade, noise, and allergy sensitivity, and receive a personalised route to nearby canopy using real City of Melbourne tree data, helping residents get genuine relief in the small pockets of time they have.

Have questions?

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Team TP55
Cognitive Shield

Connecting Melbourne residents with their local urban ecosystem

Habitune helps apartment renters in Melbourne's CBD discover and connect with their local urban ecosystem. Residents can easily explore neighbourhood biodiversity, learn about local flora and fauna, and monitor the health of nearby pollinator corridors. To turn learning into action, Habitune provides practical steps to support the environment, such as recommending specific native plants and identifying ways to fill street-level pollination gaps, ultimately promoting a healthier urban habitat

Further information

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