



MONASH
University

MONASH
INFORMATION
TECHNOLOGY

Industry Experience Expo Programme (Session 1)

9:30 am Tuesday 20th Oct 2026

Monash Industry Experience Team
Oct 2026

TOPIC: AVOIDING HARMFUL SUBSTANCES

Team TA03
Nal or Nothing
[Visit this team](#)

Making opioid overdose help findable on a night out in Melbourne

Nearvo is a website that helps young adults in inner Melbourne act quickly when a night out goes wrong. Naloxone is a free, over-the-counter nasal spray that reverses an opioid overdose. Nearvo maps where to get it and nearby support services right when you need it. Nearvo turns hesitation into action. No account, no stored location, Nearvo is here to save lives.

Team TA12
Toximo
[Visit this team](#)

Making Informed Choices About Fresh Fruit and Vegetables

ResidueLens is a consumer decision-support application designed to help Australian parents and caregivers make informed choices about fresh produce. It brings together published pesticide-residue monitoring and research evidence and translates complex information into clear, produce-specific guidance, helping users understand what testing has found, compare organic and conventional produce where evidence is available, and identify practical preparation methods such as washing, peeling or other evidence-supported approaches. By presenting trustworthy information in an easy-to-understand format, ResidueLens aims to reduce consumer uncertainty when shopping and help them make their own informed decisions without using fear-based messaging or making personal safety claims.

Team TA19
Juwbyte
[Visit this team](#)

Protecting young children from household chemical hazards

SafeDen is a product designed to help parents create safer homes for children aged 0–3. Parents can upload images of different rooms, and SafeDen uses AI to identify household chemical products and potential hazards. The system considers the child's age, mobility stage, product type, and accessibility to assess the level of risk. It then provides clear safety information and recommendations to help parents understand which items may be dangerous and how to store or manage them more safely.

Team TA25
Git Together
[Visit this team](#)

Supporting young Australians to reduce and quit vaping

QuitClub is a website designed to help young Australians aged 18 to 24 reduce or quit vaping. It provides practical, engaging and non-judgemental support by helping users understand their vaping habits, identify triggers, set realistic personalised goals, and access evidence-based information about vaping and its health effects. When cravings occur, users can also use short interactive games as a distraction. QuitClub aims to bridge the gap between knowing the risks of vaping and having practical tools to support healthier, more sustainable habits.

Team TA37
CurraWong
[Visit this team](#)

Helping asthma sufferers navigate Melbourne CBD through cleaner air routes

Every day, people with asthma walk through Melbourne's CBD, where traffic exhaust, construction dust, and pollen vary sharply street to street, with no way to know it in advance. ClearPath Spatial is a mobile-friendly website that turns open environmental data into street-level route guidance. Users set personal hazard preferences, then compare a low-exposure route against the fastest one and see which hazard drove the difference. Real-time alerts with one-tap detours warn users when they enter high-pollution zones, helping people manage their exposure and breathe easier without giving up the journey.

TOPIC: DISASTER RESILIENCE**Team TA04**
DeSGN[Visit this team](#)

Your offline-capable life-saver supporting you before, during, and after disasters.

When bushfire or extreme heat hits regional Victoria, power and phone signal are often the first things to go. Cooeeee keeps a preparedness pack for your own address in your pocket, and it works with no connection at all. Prepare, build the pack, record where you would go and who to call, then rehearse it before you need it. Respond, reach everything you saved while the network is down. Recover, describe what you need in plain words and find programmes that may match, each showing its publisher and the date it was captured.

Team TA09
Resili0[Visit this team](#)

HeatPlan helps older Victorians manage rising heatwave risks through data-driven support

HeatPlan is an accessible, data-driven solution designed by RESILIO to address growing heatwave risks for older Victorians living independently at home. It combines live weather forecasts with household and occupant information to provide personalised heat-risk alerts, overnight outlooks and practical cooling guidance. HeatPlan also supports structured check-ins and shared escalation plans for families and carers, and helps users identify suitable nearby cool spaces based on accessibility, opening hours and distance. By turning general heat warnings into household-specific guidance, HeatPlan supports timely action while preserving the independence of older people.

Team TA20
The Ash holes[Visit this team](#)

Bushfire recovery navigator providing trusted local information and personalised preparedness.

Over Roast is a bushfire preparedness and recovery navigator designed to support communities in regional Victoria. The platform brings together trusted information from official sources, including bushfire-prone area data, fire history, population data, road disruptions and incident feeds. Users can access personalised preparation checklists, save essential household needs and recovery information, and view relevant regional evidence. The system is designed to remain useful during disrupted connectivity while avoiding unsafe emergency recommendations. Its goal is to make bushfire information easier to understand, support better preparation, and help users connect with verified services during recovery.

Team TA28
HexaNexus[Visit this team](#)

Helping Melbourne residents understand local drainage and surface-water movement

DrainLens is a website that helps residents in Melbourne's CBD and surrounding inner-city suburbs understand local rainwater movement and flood risk by exploring drain records, ground elevation, flow directions, low-lying areas and historical flood data, and by comparing clear and blocked drain scenarios under the same rainfall conditions. It is an educational planning tool, not a live flood warning or forecasting service.

Team TA39
HICTOUS[Visit this team](#)

Rehearsing bushfire season before new residents ever face a real fire

EmberHawk is an offline-first web app designed to help households who recently moved to the Dandenong and Yarra Ranges rehearse for bushfire season before they've lived through one. Users set up their address, download a local data capsule, and explore fire spread estimates, refuges, and route options entirely on-device, with no internet needed. It never shows live warnings or ranks evacuation routes, always deferring to CFA, SES and VicEmergency for real emergencies. EmberHawk turns official risk data into a practice run for households who don't yet know what fire season in their area actually looks like.

TOPIC: EDUCATION AND FUTURE WORK

Team TA08
HexaFI3x

[Visit this team](#)

Help high school student to find the right career

Pathfolio is an education-to-career decision-support platform designed for Australian Year 11–12 students, initially focusing on the IT field. It helps students explore IT careers, understand relevant qualifications, compare University and TAFE/VET pathways, and view current and future labour-market information. Students can create profiles to receive more relevant career suggestions and personalised roadmaps. Pathfolio also includes an AI-assisted What-If Pathway Simulator, allowing students to explore how changes in factors such as study preferences, location and entry requirements may affect their available education pathways and career options.

Team TA16
TechNoodle

[Visit this team](#)

Helping students discover ICT careers using real Australian workforce data.

IResi is a web platform designed to help domestic Australian university students explore ICT career pathways with confidence. Students complete a short personality-based quiz to discover their interest profile, which the system uses to match them with suitable ICT careers. Each career is accompanied by AI impact analysis showing how artificial intelligence will affect that role, a skill gap check identifying which skills the student should develop, and regional employment insights showing where jobs are concentrated across Australia. All career and labour market data is sourced directly from Jobs and Skills Australia, ensuring recommendations are grounded in real workforce evidence.

Team TA24
AllDay Crafts

[Visit this team](#)

Reading job ads for autistic students who read them literally

Legible is a Chrome extension and web app that helps neurodivergent university students and graduates assess whether a job listing genuinely fits them. It decodes vague or jargon-heavy requirements, matches them against the student's resume to show what's covered, buried, or not yet shown, and surfaces what the employer discloses about workplace adjustments and interview format. Rather than a single match score, it gives a clear, honest breakdown — helping capable students stop self-rejecting against inflated criteria and apply with confidence to roles that actually suit them.

Team TA29
CcoreX

[Visit this team](#)

Empowering IT graduates to identify, develop, and demonstrate job-ready skills

HireReady is a web application designed to help recent IT graduates bridge the gap between university learning and real job-market expectations. Many graduates struggle to secure entry-level roles despite having relevant knowledge, often due to gaps in employability skills, practical experience, and communication. HireReady identifies the specific skills employers value, highlights missing capabilities, and helps graduates translate their academic projects into job-ready evidence. By improving how graduates present their skills in resumes and interviews, HireReady supports them in demonstrating practical capability and becoming more competitive in Australia's growing tech workforce.

Team TA35
Team A35cend

[Visit this team](#)

Bridging the gap between intent and tone to make emails easier for all

TheSignalBridge helps neurotypical and neurodivergent people understand, not just communicate. It reads written messages and decodes the tone, intent, and meaning that often gets lost, picking up on things like sarcasm, urgency, or hidden meaning on one side, and unpacking direct or literal phrasing on the other. It also helps users form their own messages with the right tone before they hit send. Born from a workplace communication challenge, TheSignalBridge is built to support any written exchange where tone gets misread, helping both sides communicate with more clarity and confidence.

TOPIC: NURTURING HEALTHY KIDS

Team TA07
Team HexStacks[Visit this team](#)

Helping children stay active through fun, gamified physical activity missions

PlayShift Compass is a progressive web application designed to help children aged 8–14 stay physically active and build healthy habits. The platform provides short, gamified indoor and outdoor activity missions based on factors such as available time, weather and nearby recreational spaces. Children can earn rewards, maintain streaks and track their progress, while parents can support and monitor their activity. PlayShift Compass aims to reduce common barriers to physical activity by making exercise more accessible, engaging and easier to fit into everyday family life.

Team TA15
Scrum-DMC[Visit this team](#)

Helping busy parents find quick indoor, outdoor activities for kids

playgo.co is a web application that helps busy parents of children aged 5 to 12 find a suitable activity by entering their available time, location, and child's age. The app recommends one trustworthy activity at a real, nearby open space or at home, with the option to request another suggestion if needed. It also checks live weather conditions to avoid recommending outdoor activities during rain, extreme heat, or high UV. This helps more Australian children meet the national guidelines for daily physical activity.

Team TA21
Nexowa[Visit this team](#)

Supporting parents through trusted early childhood development guidance

NurtureWell is a digital platform supporting Australian parents and caregivers through the first five years of a child's life. It provides trusted, evidence-based guidance on developmental milestones, movement, communication, feeding and sleep. Parents can track their child's progress, access expert educational resources and better understand when professional support may be needed. By making reliable early-childhood information easier to access, NurtureWell helps families feel informed, confident and supported while encouraging the early identification of developmental concerns.

Team TA31
Binary
Breakthroughs[Visit this team](#)

Helping parents turn free time into active play for children.

Active Together helps busy parents turn limited free time into enjoyable physical activity for children aged 5–12. The application recommends nearby places based on available time, location, weather and children's preferences. Guided missions provide age-appropriate games and challenges, giving families something different to do on each visit. Parents guide the activity while children play without holding a screen. Indoor movement games offer alternatives when outdoor activities are impractical. By combining activity discovery, varied missions and simple activity records, Active Together encourages regular active play without competition, pressure or compulsory targets.

Team TA34
Team Spontivity[Visit this team](#)

Connecting busy parents to local, offline activities for kids.

Every day, time-poor Australian parents struggle with decision fatigue, often defaulting to excessive screen time for their children. Spontivity is an interactive digital platform designed to help busy caregivers quickly discover and join local, age-appropriate offline activities. By providing an interactive map, zero-prep activity recommendations, and frictionless community meetups, the platform eliminates the mental load of planning. Sponty empowers parents to easily transition their children from digital screens to real-world play, fostering local connections and actively supporting children's everyday physical and mental wellbeing.

TOPIC: REDISCOVER BIODIVERSITY & "LOST" SPECIES**Team TA01**

Wander Cruisers

[Visit this team](#)

Finding biodiversity blind spots to protect Victoria's species

Bio-DataScope is a web platform that helps Victoria's environmental compliance teams, in mining, construction, and agriculture, spot the invisible gaps in biodiversity data. By integrating fragmented, geographically and temporally biased sources (ALA occurrences, EPBC threatened species, SNES mapped habitat and distribution data, and IBRA regions) into one unified database, Bio-DataScope reveals where species monitoring is thin or missing, rather than treating sparse data as evidence of absence. This turns raw environmental records into actionable insight, helping teams make better-informed, biodiversity-conscious decisions across Victoria.

Team TA10

MarTen

[Visit this team](#)

Integrated spatial platform unifying data for targeted turtle conservation.

Turtle Hub is an integrated spatial platform designed to address the 91% decline of Australian freshwater turtles by turning fragmented data into targeted field action. By consolidating data from national databases, including the Atlas of Living Australia and Digital Earth Australia, into an interactive dashboard, the platform reduces operational silos. Turtle Hub dynamically layers live threat metrics, such as fox predation density and active fire hotspots, alongside an automated risk engine. By pairing site-specific threat levels with terrain-matched, evidence-based protection strategies, Turtle Hub equips conservation coordinators, councils, and volunteers to deploy fast, targeted field interventions where they matter most.

Team TA17

LoongByte

[Visit this team](#)

Helping homeowners restore local biodiversity habitats with tailored planting advice

ReGrove empowers Victorian homeowners to transform their outdoor spaces into valuable habitat for native wildlife. By analysing historical biodiversity patterns, current ecological conditions, and the characteristics of an individual's property, ReGrove identifies restoration opportunities and provides tailored native planting recommendations. Rather than offering generic gardening advice, the platform helps users understand what has been lost locally, what ecological resources are needed today, and how their backyard can contribute to long-term biodiversity recovery, one planting decision at a time.

Team TA27

Balance 6ix

[Visit this team](#)

Protecting endangered Australian birds through safe, predictive habitat mapping

WildDiscover is a gamified conservation website that helps citizen scientists and researchers monitor Australia's endangered birds responsibly by using AI-generated habitat maps, protecting exact locations, recording anonymous field observations, filtering ecological data and encouraging participation through community leaderboards.

Team TA40

Pawgrammers

[Visit this team](#)

Connecting Geelong habitat to support local biodiversity and wildlife

Rewilding is a web-based platform designed to help Greater Geelong homeowners support local biodiversity. It uses local biodiversity, vegetation and species data to identify nearby habitat conditions and habitat gaps. The platform provides location-specific native plant recommendations based on local wildlife needs and helps users visualise wildlife-friendly garden designs. By connecting individual gardens with surrounding habitats, Urban Rewilding aims to improve habitat connectivity and encourage homeowners to actively contribute to urban biodiversity conservation.

TOPIC: RENEWABLE ENERGY

Team TA02
Game of turbines

[Visit this team](#)

Making green energy understandable and usable

Renery is a web application designed to help Australian households make greener electricity choices. It combines renewable energy forecasts, electricity plan and tariff information, and users' available times to recommend when flexible household activities, such as washing, dishwashing, and clothes drying, could be run. Renery provides greenest, tariff-favourable, and balanced recommendations in a simple, easy-to-understand way, helping users make informed energy decisions without needing to understand complex electricity market data.

Team TA11
Team Hexagon

[Visit this team](#)

Helping households shift electricity use to renewable-rich periods.

Meridian is a smart energy application designed to help Victorian households shift flexible electricity use into renewable rich periods. Users enter an appliance task, its duration and completion deadline, and Meridian recommends the most suitable time to run it using renewable energy and weather data. Instruction Mode provides clear guidance for users who prefer to act manually, while Automation Mode schedules compatible smart appliances through integration with Google and Apple ecosystems, with confirmation, status visibility, cancellation and override controls. This helps households reduce energy costs and emissions without sacrificing convenience or control.

Team TA18
EnergiaForta

[Visit this team](#)

Helping Victorian solar-battery owners make informed VPP participation decisions.

MyPowerPlant is a web platform designed to help Victorian solar-battery owners make informed decisions about Virtual Power Plant participation. It addresses uncertainty by providing clear VPP education, personalised household energy estimates and plan suggestions based on battery compatibility and location. Users can compare provider terms, including battery reserve requirements, discharge limits and opt-out conditions, while viewing the reasoning and trade-offs behind each suggestion. The platform also provides forecast-based reminders for potential discharge and opt-out periods. MyPowerPlant promotes transparency, consumer confidence and greater participation in Victoria's renewable-energy transition.

Team TA26
Silk Road Tech

[Visit this team](#)

Exploring wind energy opportunities responsibly for a cleaner future

WindPath is a website that helps communities explore potential wind energy opportunities responsibly by defining locations, reviewing wind, geographic, environmental and community data, comparing possible areas, and identifying uncertainties that require further professional assessment.

Team TA38
GreenLicht

[Visit this team](#)

Helping households make smarter energy upgrade decisions

WattNext is a web-based decision-support platform designed to help households make smarter energy upgrade decisions. Users provide information such as their household characteristics, location, appliances, existing energy assets, and budget. The platform analyses this information to provide personalised and explainable recommendations for suitable energy upgrades. WattNext aims to simplify complex household energy decisions by giving users practical, data-informed guidance while considering their individual needs and circumstances.

TOPIC: STRENGTHEN CYBERSECURITY AND DIGITAL RIGHTS

Team TA23 TARYOL Labs

[Visit this team](#)

Teaching Australian children to spot online scams

Australian children are online earlier than ever, and scams now target them directly, fake giveaways, phishing messages, malicious QR codes. Cyber Safety Quest is a free browser game that teaches children aged 10 to 15 to recognise these scams and act safely. Players work through short, game-based challenges covering phishing, fake websites, QR-code traps, passwords, multi-factor authentication, social engineering and protecting personal information. Every question carries a plain-English explanation, and we measure the reading level of each one so children learn why an answer is right, not just that it was. No account is needed to play.

Team TA30 CypherHacks

[Visit this team](#)

Building cyber safety habits for Australian teens

BreachDrill is a cyber safety education platform designed for Australian secondary students aged 15–18. It builds instinctive digital safety reflexes through three evidence-based modules: realistic scam scenario simulations, AI deepfake detection challenges, and calm step-by-step digital first aid guidance. Grounded in verified local incidents, it bridges the gap between generic safety warnings and high-pressure real-world situations.

Team TA05 ChatCBD

[Visit this team](#)

Helping people recognise, check and respond to online scams.

ChatCBD is a web-based scam awareness platform designed to help people recognise and respond to online scams. Users can learn about common scam types, check suspicious websites, businesses, email addresses and phone numbers, review scam trends, and access practical recovery guidance. The platform combines clear educational content with evidence-based checking results to make scam information easier to understand and act on. ChatCBD aims to improve scam awareness, support safer online decisions, and guide users toward appropriate next steps when something looks suspicious.

Team TA13 Nix

[Visit this team](#)

Learn scam awareness through gamified scenarios tailored to different personas and real-world situations.

Doctor Mirage is an interactive website that helps people recognise email scams and make informed decisions about suspicious messages. Users learn through realistic investigation scenarios, examining background information and identifying warning signs in highlighted email passages. The website provides evidence-based feedback, contextual AI hints, and a separate machine-learning assessment of each email. Users can review their answers and reflect on their reasoning. By turning scam awareness into guided practice, Doctor Mirage aims to help users build the skills and confidence to assess suspicious emails before acting.

Team TA36 CyberRobora

[Visit this team](#)

Teaching cybersecurity and digital rights through interactive scenarios

CyberRobora is an interactive, scenario-based learning platform designed to help young adults aged 16–25 develop practical cybersecurity and digital rights awareness. Through a gamified world, users explore realistic digital situations involving privacy, online safety, identity, data protection, and responsible technology use. Players investigate clues, make decisions, experience their consequences, and learn from an AI-powered companion, CyberRobo. The platform is also designed to support educators in using engaging, practical cybersecurity scenarios in the classroom, helping learners build the knowledge and decision-making skills needed to navigate the digital world safely and responsibly.

TOPIC: WOMEN IN STEM**Team TA06**
404 Not Founders[Visit this team](#)

Turning career advice into real advocacy for women in STEM

Herbaceous is a website that helps women in STEM move from receiving general career advice to receiving real advocacy from senior women in their field. Australian government data shows women hold only 17.4 percent of STEM qualifications and 36.5 percent of the STEM workforce, yet account for 39.9 percent of resignations. The problem is retention, not just pipeline. Herbaceous matches mentees to mentors on field, goals, availability and style, supports weekly check-ins that keep the relationship alive, and lets mentees request concrete advocacy such as referrals, introductions and nominations, turning guidance into visible opportunity.

Team TA14
EquiSpark[Visit this team](#)

Interactive STEM discovery platform featuring gamified quizzes and mini-games that inspire girls to explore STEM.

EquiSpark is an interactive STEM discovery platform for girls aged 7-16. Through fun STEM mini-games, a story-driven career quiz, and personalised pathway guidance, EquiSpark helps users discover what STEM can look like for them. The platform is designed to make STEM more engaging, approachable, and relevant, while exposing users to careers they may not have considered and helping them understand the subjects and study pathways that can lead there.

Team TA22
Equalithm[Visit this team](#)

Compare Australian employers on the gender equality data they reported.

HerSTEM helps women entering and working in STEM choose between Australian employers using published gender equality data.

Each year the Workplace Gender Equality Agency publishes the pay gap of over ten thousand employers. But it only says what an employer's number is — not whether it is typical, which way it is moving, or whether a blank means equality or silence.

HerSTEM answers that. Search any STEM employer, read the measures it actually reported, and compare up to three side by side. Missing figures are labelled not reported, never zero. We do not rank employers or give an overall score.

Team TA32
NNebula[Visit this team](#)

BlossomBack, helping women return to STEM careers with confidence.

BlossomBack is a career re-entry platform that helps women returning to STEM after a career break understand how their field has evolved, assess their current skills, and identify practical pathways back into the workforce. Using data on skill and market trends, it highlights gaps between past roles and today's requirements, then recommends tailored re-entry options from resuming previous positions to transitioning into related roles aligned with existing expertise. BlossomBack enables women to re-enter STEM with clarity and confidence.

Team TA33
Six Vectors[Visit this team](#)

Career, skills and training Navigator for Women in STEM.

CultivatHER is a web-based career navigator for mid-career women in STEM. It transforms resumé experience and skills into tailored career pathways, recommends employers using published gender equality data, and shows users what they may need to reach their career goals. Whether returning after caregiving, transitioning into another STEM field, or pursuing leadership, users can explore relevant occupations and identify the skills, capabilities, and certifications needed for their next step.



Further information

Monash University
Wellington Road
Clayton, Victoria 3800
Australia

E: fit-pg-ie@monash.edu

ie.infotech.monash.edu

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