Industry Experience Expo
Programme (Session 1)

9:00 am Tuesday 21st May 2024

Monash Industry Experience Team

May 2024

TOPIC: GOOD HEALTH AND WELLBEING (ELDERLY)

Team TA19 DiadebicGuardian

Visit this team

Helping Australians over 45 prevent diabetes

Type 2 diabetes in older Australians is alarming, with over 1.2 million diagnoses by 2021, 59% aged 65 or older (Australian Department of Health and Welfare, 2023). Justine Cain, CEO of Diabetes Australia, stressed early prevention to avoid complications like kidney and heart disease (Diabetesaustralia, 2022). Evidence shows a personalised, integrated approach helps control diabetes risk (Diabetesaustralia, 2023). Comprehensive help is needed for Australians over 45, including guidance, personalised plans, and timely reminders to prevent and manage diabetes effectively.

Team TA20 ElderGlow

Visit this team

Empowering Aussie elders to achieve fitness goals.

ElderGlow' is a cutting-edge app designed to motivate Australian seniors over 65 to meet physical activity guidelines. With its AI Pose Tracker, ElderGlow aids elders in practicing Tai Chi, enhancing their exercise routine with artificial intelligence. The app includes a fun and exciting walk route planner tailored for senior citizens, making daily walks engaging. Additionally, ElderGlow features a progress tracker that compares an individual's activity levels—mild, moderate, and vigorous—with peers, providing feedback on meeting health benchmarks. This integrated approach ensures seniors can enjoy a healthier, more active lifestyle.

Team TA22 EldorFit

Visit this team

Heart health and wellness for seniors

EldorFit is an android application designed for Australian seniors, offering personalised reminders, nutrition guidance, and a wellbeing guide tailored to their needs. EldorFit also provides easy access to essential heart health knowledge, empowering the elderly to make informed decisions and live a heart-healthy lifestyle.

Team TA23 Eldiabetes

Visit this team

Empowering Humanitarian Entrants to Knowledge and Prevent Diabetes

Eldiabetes is dedicated to empowering elderly humanitarian entrants with accessible and culturally sensitive diabetes information. Our mission is to inform and empower our community to manage or reduce diabetes risk effectively, respecting their unique cultural and personal needs.

Team TA25 Elderly FitHub

Visit this team

Empowering elderly health and wellbeing with advanced technology for exercise and nutrition

Concerned about staying active and healthy after 65? Thrive65 is your personalized companion for a fulfilling future. Two-thirds of Australians over 65 struggle with weight management and exercise.

Thrive65 empowers you with, nutritional & exercise guidance, real-time feedback on your exercise form, and machine learning personalizes your diet plan for optimal health. Our overall goal is to educate, provide support, and improve elderly health and well-being by encouraging active lifestyles and better nutrition.

Team TA27 AGESHMART

Visit this team

Memory Champion: Navigate Dementia with Confidence.

Our project aims to address the pressing issue of dementia onset fear among elderly individuals in today's aging population, particularly in Australia. Our project provides a website for individuals aged 60 and above who desire to maintain their well-being but lack knowledge and awareness regarding dementia. We plan to mitigate dementia progression in its early stages by designing some logistics-based solutions and multiple interactive brain training activities on our website.

Team TA28 Bone wellness

Visit this team

To raise awareness on Osteoporosis prevention among elderly Australians

An elderly-friendly website dedicated to raising awareness on Osteoporosis prevention among elderly Australians. Our website aims mainly at providing general information and educational content on osteoporosis prevention, focusing on lifestyle modifications and risk awareness without delving into medical advice.

**Team TA29
Alzheimer's
Health**

Visit this team

Memory Lane: Empowering Families Facing Alzheimer's.

Alzheimer's health website aims to tackle the challenges associated with understanding and the ways caregivers can deal with a loved one who has Alzheimer's. Given the complexities of AD and its profound impact, there is a need for a comprehensive centralized online platform that offers reliable information (articles) and practical resources while still being engaging, having interactable cognitive assessments that provide useful feedback to the caregiver and brain games that reinforces cognition; with the overarching goal of promoting understanding, preparedness and how to manage/care for someone with AD.

**Team TP33
Silver Serenity
Space**

Visit this team

Empowering Independence for Australia's Aging Population

Australia's senior population is booming, with a projected 54% increase by 2041. Silver Serenity tackles the challenges faced by these individuals who yearn to live independently for as long as possible. Our website empowers seniors to prioritize preventive healthcare by identifying and mitigating fall risks within their homes. Silver Serenity goes beyond safety, offering personalized wellness guidance on nutrition and proactive health tips.

TOPIC: TRUST IN IT

Team TA17
Peerprotecthub

Visit this team

Empowering parents to safeguard their children from cyberbullying

Over 50% of young Australians have experienced cyberbullying, and the trend continues to rise. Peerprotecthub equips Victorian parents with essential knowledge, actionable insights, and practical tools to combat cyberbullying and protect their children. We provide a comprehensive resource to help parents navigate and address this growing issue effectively.

Team TA18
Scam Secure

Visit this team

Protecting elderly Australians with AI-powered scam detection.

Australians over 65 deserve a secure online experience. ScamSecure is your one-stop shop for staying safe from scams. Our powerful deep learning tool instantly analyzes messages, flagging potential scams before they can cause harm. Our scam types page educates you on common tactics, while the statistics page keeps you informed on the latest trends. ScamSecure - Your trusted companion for a safe and secure online experience.

Team TA21
PhishingFence

Visit this team

PhishingFence! Your first line of defense against Phishing Scams

This project aims to enhance scam awareness among international students in Australia through a mobile app. Targeting students aged 18 to 30, the app will provide essential tools and information to recognize and mitigate online scam risks. Features include message translation into native languages and verification of message legitimacy. The goal is to promote safe online practices and equip international students with the knowledge and resources to protect their digital identities and ensure a secure online experience.

Team TA24
ScamFence

Visit this team

Raising Scam Awareness Through Active Learning

ScamFence is a website designed to educate users to protect themselves from scams. It does this through promoting active learning where users can interact with realistic scams in a safe environment and also includes tools to identify scam emails, text messages, and website links, enhancing the user's ability to recognize fraudulent content.

Team TA26
ScamSpotter

Visit this team

Don't be a victim of Online Shopping Scams

ScamSpotter is an innovative online platform designed to safeguard Australian urban young adults (18-29) from increasingly sophisticated online shopping scams. With new statistics revealing over 200,000 Australians falling victim to such frauds annually, ScamSpotter empowers users with real-time tools to identify and avoid potential scams. Through interactive education, scam analysis features, and updated scam alerts, our platform equips digital marketplace users with the knowledge and resources needed to navigate online shopping securely, ensuring a safe and informed shopping experience.

Team TA30
No Scam Australia

Visit this team

Empower Your Trust, Don't pave the way for Scammers

The internet can be a confusing place, especially for older adults. Scam Shield is your trusted resource for staying safe online, whether you suspect a scam or simply want to learn more about how to protect yourself. Being targeted? Don't panic! Get immediate guidance on identifying and avoiding scams. Curious about online safety? Learn from our comprehensive library of resources and educational materials. Scam Shield empowers you with the knowledge and tools to navigate the online world with confidence.

TOPIC: QUALITY EDUCATION

**Team TA02
Edwise**

Visit this team

Empowering Informed Decisions in Early Childhood Education.

Exhausted by endless preschool options? Edwise is your one-stop shop for data-driven decisions in early childhood education. Our platform unlocks insights into educational trends, learning analytics, and quality-based school comparisons. Interactive tools let you explore nearby preschools, curate activities aligned with your child's interests, and discover engaging local learning experiences.

**Team TA03
mellowtales**

Visit this team

Get insights using eye tracking on your child's attention span

Help your 7-9 year old thrive! Many kids struggle with focus, impacting learning and well-being. We provide resources and strategies to boost engagement during these critical cognitive years, setting your child up for success! Our project aims to engage parents in monitoring their children's engagement levels to enhance educational effectiveness.

**Team TA05
IT Explore**

Visit this team

Guiding Australian high school students to navigate IT future pathways

IT Explore is a website for Australian high school students (Years 8 to 12). The website is designed to help them better understand the information technology field, expand IT career paths, and provide relevant course guidance. Through this project, we hope to provide high school student with a resource-rich and guideline platform to help them find their interests in the IT field and prepare for future career development.

**Team TA06
BridgeEd**

Visit this team

Helping Low SES students overcome barriers to achieving quality education.

BridgeEd helps low socioeconomic status (SES) students in Australia overcome barriers to quality education. By offering personalized support services and educational pathways, we empower students to access essential resources and support systems needed for academic success. Our initiative ensures equitable opportunities, fostering an inclusive environment where all students can achieve their potential and contribute to Australia's growth.

**Team TA09
Aussie culture**

Visit this team

Connecting newcomers to Melbourne's unique cultures

Every day, new Melbourne residents strive to integrate into local life. AussieCulture helps them by focusing on essential aspects like AFL sports culture and the significance of coffee in daily socializing. Our platform offers customized learning paths, ensuring a user-friendly experience. Choose AussieCulture to navigate Melbourne's social landscape seamlessly and become active community members.

**Team TA11
AEYE**

Visit this team

Early Childhood Education using Artificial Intelligence

AEYE, stands for Assisted Early Youth Education. It is an application developed to help assist in early childhood education, through the use of artificial intelligence. Our website helps parents support their children's education through intuitive tools. Over three-quarters of today's parents rely on technology to supplement their kids' learning and reading, and to even assist them before they're in the classroom, with more than 70% of parents acknowledging that technology has made parenting less stressful and using learning apps to teach children new things.

Team TA15 EduPioneer *Visit this team*	Helping Australian high school leavers find the right career pathways Australian high school graduates face a complex landscape when navigating career paths. The pressure to make a significant contribution to the family income, coupled with anxieties about irreversible choices and uncertain job prospects, often leads them to prematurely accept unfulfilling roles. This project aims to bridge this gap by establishing a comprehensive support system. It will utilize an assessment tool designed to identify students' interests and aptitudes, providing them with tailored career path recommendations. By empowering teenagers with this crucial information, the solution aims to alleviate decision-making anxiety, fostering a confident and informed transition into further education and employment.
Team TA16 The Learning Compass *Visit this team*	Tailored education support and Australian culture for migrant families. Migrant families, particularly those with young children, face numerous hurdles when integrating into a new society like Australia. Unfamiliar cultural norms, language barriers, and navigating a different education system can create significant challenges for both parents and children. Our website, provides assurance to migrant families to contribute to their new communities with confidence, ensuring their children receive a quality education and feel a sense of belonging in their new home.

TOPIC: SUSTAINABLE CITIES AND COMMUNITIES (BETTER LIFE IN CITY OF MELB)

Team TA01 GreenStrider

Visit this team

GreenStrider project is helping Melbourne residents make greener transport choices.

Stuck in traffic? GreenStrider app empowers eco-conscious Melb families (20-50s) to ditch the car! This product helps you choose the greenest route, learn sustainability through fun games, and make every trip a win for the planet.

Team TA04 Park and Switch

Visit this team

Empowering Eco-Conscious Commuters in Melbourne

Integrating Mobility: Empowering Eco-Conscious Commuters in Melbourne" aims to address the dilemma faced by young Melburnians under 40 who own cars. By developing a comprehensive web app integrating public transport, car-sharing, and bike-sharing services, we aim to reduce car dependence while promoting sustainable transportation options. Our app integrates public transport, car-sharing & bikes, all in one place. Let's build a cleaner, smoother Melbourne, one eco-friendly commute at a time!

Team TA07 Pedal Safe

Visit this team

Empowering Cyclists for Safe and Sustainable Journeys in Melbourne

Pedal Safe is transforming cyclist safety in Melbourne, focusing on awareness, route optimization, and safety information. Our web app aims to decrease cyclist accidents by suggesting safe routes, steering clear of high-risk intersections, and pinpointing nearby bike trails. By providing data-driven insights on bicycle mishaps and road regulations, Pedal Safe enables cyclists to ride with confidence and responsibility. Join us in fostering a safer and more eco-friendly future, one pedal stroke at a time, as we confront the challenges of urban cycling directly.

Team TA08 Better Life in Melbourne

Visit this team

Bringing the outdoor activities closer to your Apartment!|

Our project is dedicated to helping parents, especially those living in apartments in Melbourne, discover the best outdoor activity spots for their children. As urban living often limits access to expansive outdoor spaces, our website aims to bridge this gap by providing a comprehensive guide to parks, playgrounds, and children's centres that are both child-friendly and accessible. The website features a simple, user-friendly interface that delivers real-time updates and detailed information about each location, including facilities and weather. With the integration of a geolocation tool, parents can effortlessly find the nearest suitable outdoor spaces from their current location.

Team TA10 15 Minute Melbourne

Visit this team

Explore areas offering all your essentials within a 15-minute walk

15 Minute Melbourne enables students, parents, and migrants to explore and review locations across Melbourne that provide them high accessibility to essential services within a 15-minute walk, thus limiting their car usage, and adding their bit towards a sustainable Melbourne. Utilising the platform helps to effectively save time, make smart decisions and explore Melbourne by choosing where to live and work based on preferences and personalised recommendations.

Team TA12 EcoStride

Visit this team

Building Sustainable Melbourne, One Step at a Time

Melbourne residents seeking to make a tangible impact on their city's environmental footprint have a powerful new website in EcoStride. EcoStride utilizes personalized action plans to guide users in reducing household energy consumption across appliances. It further fosters environmental awareness by highlighting the impact of carbon emissions from household energy use and transportation choices, more sustainable city.

Team TA13 **Melbourne** **Unbound** *Visit this team*	Accessible Recreation and Navigation for Melbourne's Wheelchair Users. Melbourne Unbound unlocks Melbourne for wheelchair users. Our website empowers you to explore freely with accessible tram stop finders, smooth route mapping that minimizes slopes, and seamless navigation. No more stress, just independent adventure! Discover Melbourne with confidence and join a more inclusive city.
Team TA14 **Cooldown** **Melbourne** *Visit this team*	Putting a stop to Melbourne's rising heat CooldownMelbourne.com is a website designed to raise awareness about a phenomenon called "Urban Heat Island Effect" which explains the reason behind the rising temperature in urban areas around Melbourne. Explore the "Urban Heat Island" condition in different areas around Melbourne. You can also learn how this phenomenon occurs and how vegetation around the city plays a crucial role in mitigating the ever continuously rising heat. Discover practical ways you can contribute to Melbourne's heat mitigation efforts through our platform.

Further information

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