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Cyberjaya Smart City Design Challenge

INNOJAM OPEN DATA DESIGN CHALLENGE

8TH SEPTEMBER - 9TH SEPTEMBER

Organised by

CYBERVIEW

Technology Partner

TM Research & Development

In Collaboration with

INNOEX 2023 IN CYBERVIEW

CYBERJAYA INNOVATION WEEK 26 Years of Innovation

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Cyberjaya Smart City Design Challenge

Welcoming Note by

Ms. Shafinaz Salim

Head of Technology Hub Development

Cyberview Sdn Bhd

Day 1

9:00 AM	Registration Opens
10:30 AM	Welcome Note by Cyberview
10:40 AM	Open Design Challenge Briefing and Q&A Session
11:10 AM	TM Open Innovation Platform Briefing by TM R&D, Yeoh Chun-Yeow
11:40 AM	**Design Challenge Start + Pitch & Match Session**
12:00 PM	Lunch Break
2:00 PM	Design Challenge Continues
3:00 PM	Tea Break
3:00 PM	Mentor Hours
5:00 PM	Workshop: Tips to Winning Hackathons by 45x Hackathon Winner by Norman Ng
6:30 PM	Dinner Break
7:30 PM	Design Challenge Continues
10:00 PM	**End of Day 1**

Day 2

11:00 AM	**Design Challenge Ends** Online Submission of Projects
1:00 PM	Participants Check-In to Rekascape
1:15 PM	Top 12 Finalists Announcement
2:00 PM	Top 12 Finalists Live Pitch on Stage
5:30 PM	**Announcement of Top 5 Winners & Prize Giving** Photo Taking
6:15 PM	End of Event

Rules & Regulations

- Teams may have a minimum of 2 members and a maximum of 4 members in a team.
- Teams should not be made up of organisers, volunteers, mentors, judges, sponsors, or any other privileged position at the event.
- Teams may and will be receiving advice and support from the mentors and organisers at the event.
- All work must be done only within the time period of the event.
- The challenge begins on FRIDAY, 8th Sept 2023, at 11 am and ends on SATURDAY, 9th Sept 2023, at 11 am.

Rules & Regulations

- Teams are allowed to use provided datasets or any open datasets from the Internet.
- Teams are required to utilise minimum 1 Data Source OR API from TM OIP Platform in their project and to include solutions architecture diagrams.
- Teams can be disqualified from the competition at the organisers' discretion. Reasons for disqualification might include but are not limited to breaking the Competition Rules & Regulations, breaking the Code of Conduct, or other unsporting behaviour.

Submission Requirements and Presentation

- After the time limit is up, teams must submit their projects to the provided link by the submission deadline.
- The 12 Finalists will be required to present their project on the 9th of September in-person to designated judges.
- Teams that make it to the final round will be given up to 10 minutes to present their finished project to a panel of judges.

Prizes (Total MYR 21,000 for 5 winners):

Champion - RM10,000 Cash Prize
+ Pitching opportunity at Cyberview Living Lab Accelerator Cohort 18 selection phase (2024) (programme value worth up to RM100,000)
+ Soft Landing Zone incentive application opportunity (value worth up to RM8,000)
+ Direct Submission for Cyberview Living Lab Pilot project evaluation (value worth up to RM5,000)
+ Certificate of Participation

1st Runner-Up - RM6,000 Cash Prize
+ 2 Co-Working Spots at Coinnov8 Soft Landing Zone (value worth up to RM8,000)
+ Direct Submission for Cyberview Living Lab Pilot project evaluation (value worth up to RM5,000)
+ Certificate of Participation

2nd Runner-Up - RM3,000 Cash Prize
+ 1 Co-Working Spots at Coinnov8 Soft Landing Zone (value worth up to RM4,000)
+ Direct Submission for Cyberview Living Lab Pilot project evaluation (value worth up to RM5,000)
+ Certificate of Participation

2 X Consolation - RM1,000 Cash Prize
+ Direct Submission for Cyberview Living Lab Pilot project evaluation (value worth up to RM5,000)
+ Certificate of Participation

Problem Statements

Problem Statements

1 Urban Mobility

Use open data to design solutions that promote the use of eco-friendly transportation, reduce single occupant vehicles (SOV) to reduce traffic congestion, and enhance use of public transport systems

2 Energy Efficiency

Develop tools or platforms that utilize open data to optimize energy usage, including renewable energy, monitor energy consumption, and promote sustainable practices in buildings and infrastructure

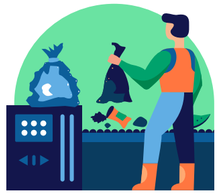
3 Health & Wellness

Use open data to design applications or services that address public health and wellness, improve access to healthcare, and promote social well-being in urban areas

Problem Statements

Problem Statements

Waste Management & Recycling



Design solutions that use open data to improve waste management practices, increase recycling rates, and reduce environmental impact

Inclusive Urban Planning

Design solutions that ensure urban planning and development projects are inclusive, sustainable, and responsive to the needs of all citizens

Expected Deliverables

→ 5 minutes pitch video

→ Pitch Deck(including technical details)

Utilize open data as part of your analysis to justify the problem or find insights about the data that can lead to solutions

→ Mockup - Figma, Adobe XD, Canva
(to illustrate what the final solution will look like)

Submission Requirements and Presentation

Possible Options:

→ A. Actionable data driven insights/advices derived from analyzing open data (a presentation filled with data visualisations)

→ B. An data-driven mobile/web app solution (mockup + presentation slides with technical specifications and framework diagram)

→ C. A data driven IOT device (presentation slide with technical specifications and framework diagram)

Expected Solutions Architecture

Suggestions of Open Data Sources

Participants can also mix and match open data from the following sources:

1. OpenDOSM (https://open.dosm.gov.my/data-catalogue)
2. Portal Data Terbuka Malaysia (https://data.gov.my/)
3. Kaggle
4. Any other data sources that are not P&C or sensitive data

Pitch Deck Content

1.Introduction (Needs)

2.Findings (Needs)

3.Problem Statement (Needs)

4.Solution (Approach)

5.Market Validation(Needs)

6.Product/Demo(or Mockup if you have one) (Approach)

7.Benefits (Benefits)

Judging Rubrics

Theme	Criteria	Description	Score
Idea & Team	**Innovation**	How creative or innovative is the idea?	20
Experience	**Intuitiveness**	Is the overall user experience intuitive? Does the flow make sense?	10
	Value	How relevant is the project for solving a Smart Sustainable City challenge?	15
Implementation	**Technical Feasiblity**	Is the proposed idea practically achievable considering technical limitations and requirements?	30
	Scalability	Could this idea scale as a real solution with multiple users?	10
Presentation	**Pitch**	Did the team present a solid, persuasive pitch?	15
Total			**100**

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Q & A

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