aws

BUILD ON
MALAYSIA 2021
BUILDING YOUR FUTURE

CHALLENGE STATEMENTS

Things to note

- Register for the hackathon here and await for us to contact your team leader. Challenge statements are on a first-come-first-served basis, please register early to avoid disappointment. When a challenge statement is fully subscribed, your team can no longer select it during registration.

- More info will be shared via email on the proposal template and details for submission. If you didn't receive the email, check your junk/spam folder.

- The top 6 teams per company will be shortlisted based on their proposal, to proceed onto prototype development. Regardless if the company has provided 1 or 2 challenge statements, the company can only pick the top 6 teams who worked on their statements, for e.g.

  - Challenge statement A (1 team); Challenge statement B (5 teams)

  - Challenge statement A (3 teams); Challenge statement B (3 teams)

  - Challenge statement A (4 teams); Challenge statement B (2 teams)

  - Challenge statement A (6 teams)

- Subsequently, we will add your team members into the Slack channel for mentorship. You can discuss with your mentors if you require additional help/time from them. The top 6 shortlisted teams will also be provided with an AWS exclusive SWAG box.

- After 2 weeks of prototype development, you will be doing a live pitch against the other 5 teams in the Company Finale. You will be evaluated against this set of judging metrics.

- Additional prizes and internship opportunities may be awarded by the individual companies at their own discretion.

- All hackathon participants will receive a certificate of participation.

Challenge Statement #1

Healthcare

(Junior category) Many countries around the world are facing another surge of COVID and for most, the surge has been stronger or more devastating than the initial onslaught. Initially, COVID strains were found to severely impact the elderly and those with comorbidities. As the COVID strains have mutated, the younger population is also starting to get more impacted. What can be done to increase awareness in communities across different age-groups and provide correct information especially regarding vaccination and safety protocols?

(Institute category) As the COVID pandemic has dragged on and is threatening to extend further, cities, municipalities, provinces, and countries struggle to meet the healthcare demands and supplies are scarce. Hospitals are running out of basic supplies such as oxygen, PPE, equipment and even rooms for the patients afflicted with COVID. Government and health officials are finding themselves having logistics dilemmas. What can be done to improve coordination with sources of these supplies, including aid from other locations to speed up the distribution? What can be done to solve the issue of space and patient monitoring when hospitals are full capacity?

Find out more about Cognizant here

Challenge Statement #2

Inclusive Society

The United Nations Sustainable Development Goals 10, 11 and 12 calls for reduced inequalities, inclusive resilient cities, and responsible and sustainable consumption. One of the best ways to achieve them together is to enable a city-level community sharing and caring model which enables easy and safe sharing of knowledge and resources. This could be sharing of resources such as clothes, toys, books, food and doing so easily, with minimum transport cost with those who need them. Similarly with volunteering time, talent, skills - help with studies, help with understanding digital applications, buying groceries, etc.

To summarize, Malaysia has a lot of volunteers, donors and others who want to share or provide help in different ways while there are many others in different categories who require support and help in multiple ways. There are challenges connecting the people who need help or resources with the set of people who can provide timely help and resources based on location, availability, nature of assistance required etc. We need to develop a system that can help connect multiple stake holders and at the same time avoiding misuse.

Propose a solution which enables easy, safe, low-to-no-cost sharing of time, resources, services and skills so that we build thriving, sustainable communities.

Find out more about Cognizant here