

Submissions



deltahacks6.devpost.com



my.deltahacks.com

Due
12:30 PM on
Sunday





innovation

FACTORY

Prize

iPads



Your Challenge

Your challenge is to look to the future with the CITM Smart City Mobility Network and envision use cases that will enable:

A smarter C/AV better prepared to be on our city streets;

or,

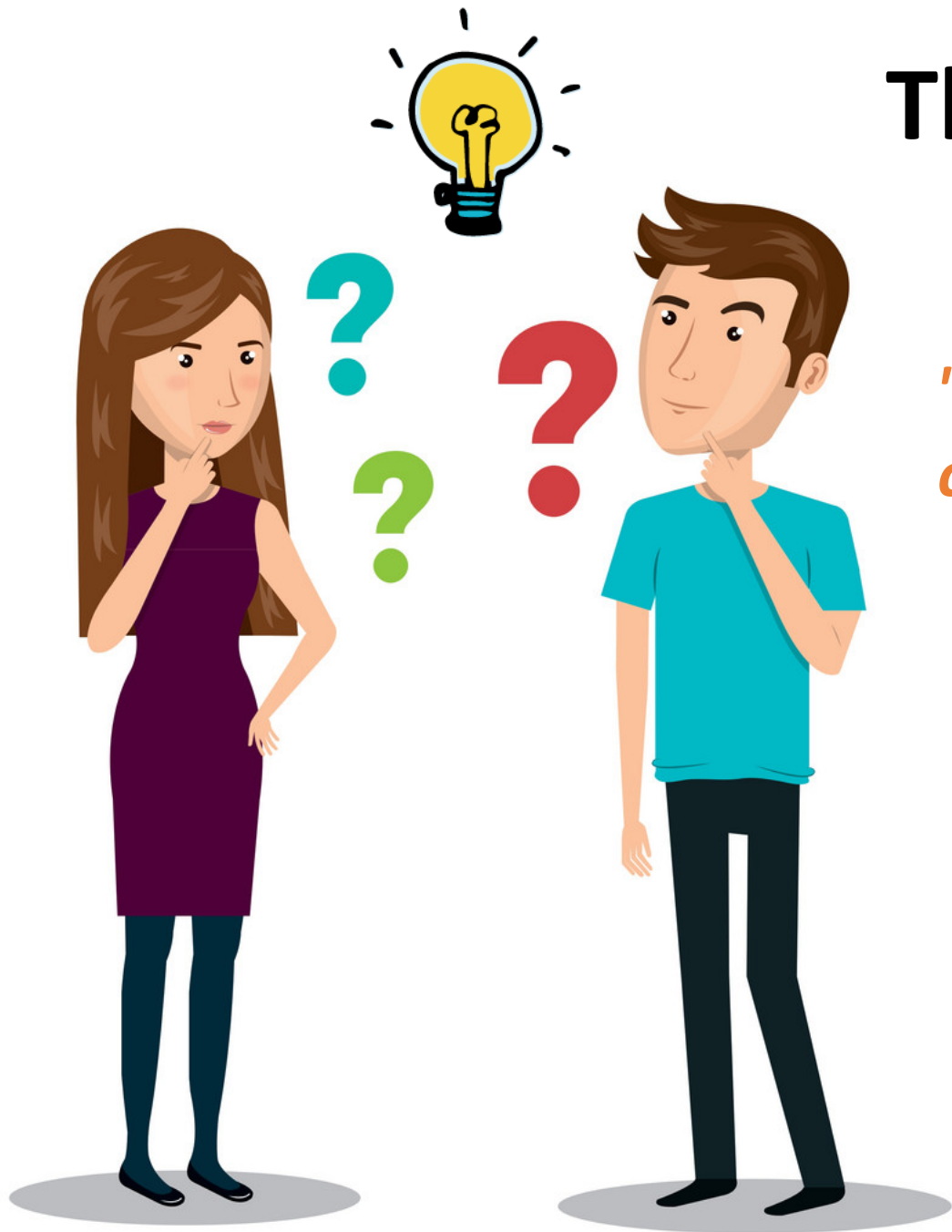
A more connected city that is better enabled to serve it's inhabitants.

This is your chance to "imagineer" a part of the future that you will live in!

Prize

Top 2 teams will receive google homes





The TD Ready Commitment Challenge!

"How can technology help people feel more confident, not just about their finances, but about their future?"



Financial Security

Helping increase access to the opportunities people need to improve their financial security



Vibrant Planet

Helping elevate the quality of our environment to ensure both people and economies can thrive



Connected Communities

Creating opportunities for everyone to participate and be included in their community



Better Health

Supporting more equitable health outcomes through investing in innovative solutions



Challenge

Innovative use of any of the following technologies: Machine Learning, AI or IoT

Prize

1st: \$1500 Overall + opportunity to present hack to VP of technology + opportunity to interview for an upcoming internship position



MSE

Materials Science & Engineering

Challenge

Microstructure Image Analysis Tool. Participants to design a software tool that can autonomously analyze a wide range of microstructure images. The tool should output grain size, grain size distribution and phase fractions.

Prize

1st: Gift Cards \$250 x 4 + plaque

2nd: Gift Cards \$100 x 4

3rd: \$50 x 4





Challenge

Using any of our dev tools qualifies your team for prizes. However, the judging team will give preference to teams that demonstrate creative competence by:

1. Using one of the SDK's
2. Using new Algorand features (ASA, Atomic Transfers, ASC1)
3. Using multiple dev tools

An example solution would be to: Build a solution for asset management using one our SDK's, the solution should be able to:

- * Create and configure assets
- * Transfers Assets (different asset classes)
- * Use TEAL logic around the asset transactions
- * Bonus: Build a UI for the solution (command line, web based or other) in any language

Prize

1st : \$500 amazon gift card + Codrone + Thule 32L Backpack

2nd: Gotenna + Matrix Creator + Raspberry Pi 4 4GB





Challenge

Health Care Hacks

Prize

1st: Each member gets an interview + free lunch + movie tickets



ITE McMaster

Title

Bridging the Digital Gap

Ask

Put together an interactive data visualization platform to help make decisions in real-time and improve quality of life for the residents of the Beasley Neighborhood.



Beasley Neighborhood Association

Title

Bus Routes Challenge

Ask

Use provided HSR route, schedule data, and a map of Hamilton to identify how much of the city can already get to/from downtown with 1 bus transfer, and modify existing routes so 95% of the population can use 1 bus transfer get to/from downtown



Hotel Dieu Shaver

Title

Patient Communication App - Partner Assisted Scanning (PAS)

Ask

Create an electronic version of the paper PAS board, available on smart phones, for caregivers to use with patients who are unable to talk and use their bodies to type for whatever reason



Triangle Challenges

What are they

- DeltaHacks: The Hackathon For Change
- Great way to make sure your hack makes a difference

What's in it for you

- Help society + special prizes!
- Attend the Team Formation/Idea Generation session (11:00 AM – 12:00 PM) to learn more