

## **Fred-eHack Questions & Answers**

**Sunday, June 9, 2019, 8:00am-8:00pm @ Planet Hatch**

[Event Info](#)

**1. How can I prepare in advance?**

There will be an information session on Thursday, June 6, 4:30-5:30pm at Planet Hatch which will also be offered via webinar ([register](#))

**2. What is the purpose of Fred-eHack?**

To solicit ideas on potential use cases or minimum viable products (MVP) using the municipally-owned Internet of Things (IoT) sensor network. [See news release for more information.](#)

**3. Acronym Definitions**

LPWAN - low power wide area network

MVP – minimum viable product

IoT – Internet of Things

**4. Do I need to bring a computer?**

Yes please.

**5. Should I enter as a team or individual?**

Participants can register as a team with a preconceived idea, or as individuals/join a team based on interest.

**6. What kind of experience is required to participate?**

Creativity and interest should drive participation, and we are looking for a variety of experience. i.e. coding, or business development without coding experience, or hardware development. It will be beneficial to have different perspectives i.e. those who are familiar with hacking and app development, and those who are good at evaluating business ideas.

**7. What is the evaluation criteria to select the winning project?**

There will be two \$500 prizes: one will be allocated for best minimum viable product (MVP) developed either with code or hardware; and the other \$500 prize will be awarded based on best business use case and concept developed with or without code. The \$1,000 prize will be awarded for the best overall idea that could include code or hardware development or simply a very strong feasible business use case. The \$5,000 of in-kind services from eleven-x will be awarded based on the strongest project that has the best likelihood to succeed.

**8. Do I need to write application code or build a hardware prototype?**

Teams are invited to create either an app/tech development, or a hardware prototype, or a business use case concept -- any of these forms of product hacking is acceptable and participants can draw on their strengths and experiences. We will have a limited quantity of ST Microelectronic Development Kits for Proof of Concept available.

**9. What type of cloud services should be used?**

Participants can use any technologies that they are familiar with i.e. Google, AWS, AZURE etc. FYI - the Google Developer Group-Fredericton chapter is offering one month free access to the

qwiklabs.com learning platform to learn how to develop applications in the cloud to communicate with IoT devices.

**10. What resources will be available?**

- Fredericton Open Data Portal & API (application program interface) access
- Tech and connectivity expertise from eleven-x, City of Fredericton, GDG (Google Developer Group) Cloud Fredericton
- ST Microelectronic Development Kits for Proof of Concept using sensor technology
- One month free access (value \$55) to qwiklabs.com learning platform compliments of GDG Cloud Fredericton. Learn about IoT and how to develop applications in the cloud environment to communicate with IoT devices.

**11. What is the agenda for the day and are meals covered?**

\*Breakfast, lunch and dinner is included

8:00-8:30am	Breakfast & Welcome/Introductions
8:30-10:00am	Idea Pitches (1-2 minutes) Shortlist Ideas & Break-off into Teams Based on Interest Announce Teams
10:00am-6:30pm	Team Projects
12:00-12:45pm	Working Lunch & Team Check-in
5:30pm	Working Dinner/Bufferet Style (prepare for pitches)
6:30-7:45	Final Pitches / Jury Deliberation
7:45-8:00pm	Team Prizes Awarded & Closing