



Dual-city hackathon 2019 (Ottawa and Waterloo)

General Rules and Guidelines

- The hackathon is open to students, as well as the general public. Healthcare professionals, technologists...we need you!
- The purpose of this hackathon is to create practical applications (i.e. new or improved software, hardware, processes, policies) for a population related to themes related to social isolation.
- At the beginning of the event there will be presentations and a discussion that will provide you with additional knowledge of our ***Hackathon themes and challenges***
 - **Waterloo - Social Isolation, Aging & Technology** - The inspiration and solution could be any combination of these three themes
 - **Ottawa - Social Isolation, connected care, and enhancing the efficiency and effectiveness of diagnosis** - The inspiration and solution could be any combination of these three themes
- Throughout the event you will have the opportunity to speak to and network with mentors from a wide range of backgrounds.
- Be respectful of other hackers, mentors, volunteers and judges, in person and through social media.

Teams

- You should attend if you have programming or design experience, project management or related business skills, have an interest in healthcare or applied health sciences, engineering, software or hardware development, or are interested in making a difference for others in your community.
- Teams can be from 3 to a maximum of 10 people. Teams made up of at least the following are recommended:
 - 2 developers/ designers
 - At least 1 healthcare professional, ideally a physician
 - 1 patient representative or person with lived experience

- Others that may include
 - business/entrepreneurial representatives
 - students
- You can come as a team to the event, or network with other participants and form teams at the event.
- All projects must be registered on Sparkboard by 7:00 pm on Friday, May 31st 2019 in either Ottawa or Waterloo. The team's lead pitcher must be present at the hackathon location on Friday.

Technology and Wi-Fi

- You will have access to free Wi-Fi during the event.
- Bring your own computer, charger and extension cords.
- You are required to bring your own hardware and software for use during the hackathon (including demos), and anything else you will need to develop and present your ideas.
- For the final pitch challenge, you will have access to a projector and connectors to present your ideas to the judges.

Event

- Food and beverages will be provided throughout the event. We will do our best to accommodate special dietary needs. You are also welcome to bring your own food and beverages (non-alcoholic only).
- Questions during the event may be emailed directly to either waterloo@hackinghealth.ca or ottawa@hackinghealth.ca

Rules

- Team participants may pitch ideas for which intellectual property exists, however, a new feature must be built during the hackathon weekend that is related to the respective city theme challenges. The feature improvement must be readily identifiable so that the solution is eligible for judging and prizes.
- Teams are encouraged to research in advance, speak to subject matter experts and understand the theme to enrich the quality of the initial pitch ideas.
- All hackathon team participants must be registered on Sparkboard and connected to the project.
- No restriction is placed on the use of hardware, development sites, databases etc. but all associated costs are borne by the participating team..
- Teams will retain full ownership of what they have developed during the Hacking Health Hackathons.

- There will be a number of mentors who are users, customers, and subject matter experts at the event. They may share personal experiences with you to help you develop your ideas. Please consider this information confidential and only for the purpose of this Hacking Health Hackathon. Do not share the names of individuals who shared personal information with you, or what they spoke to you about, outside of this event unless you get permission to do so.
- During Hacking Health Hackathon pictures, audio and video recordings will be taken. By signing up for this event, you are agreeing to have your image and/or recording taken during Hacking Health Hackathon. The photographs and videos may be used by the Hacking Health movement for the purpose of promoting its activities or for educational purposes. Images and/or videos may be used in print or on the website of Hacking Health partners. These images and videos will not be sold.

Dual-city remote participation

- A team member may join a team on Sparkboard in the other participating city. For example, someone in Ottawa may join a team in Waterloo or vice versa. It is up to the member to organise how they can effectively work remotely.
- Ideally, the remote team member should register through Eventbrite for the city in which the project is based. A nominal fee will apply, which will be facilitated via a discount code.

Pitch competition

- Teams will have **three minutes** each to pitch their idea to a group of judges followed by a two minute Q & A. The judges will then deliberate and make the decision on any grand Prize and Category prizes based on predetermined judging criteria.

Preparing your pitch

- When creating a three-minute pitch consider the problem, solution, market, traction, team, competition, business model. And try not to spend more than 30 seconds on the problem.
- Ask yourself the following questions:
 1. Why is the problem important?
 2. What is the problem?
 3. What does your solution look like?
 4. How big is the opportunity?
 5. What's your revenue or implementation model?
 6. Who else is trying to do this?
 7. How will you bring this to market/users?
 8. Who is going to make this happen?
 9. What have you done so far?

10. What do you need from us?
11. What will happen if we help?

Judging criteria

Your pitch will be refereed with the following criteria in mind. See appendix A for full details:

1. Impactful(20 points)
2. Realistic (10 points)
3. High Quality (20 points)
4. Innovative (20 points)
5. Promising(20 points)
6. Well Presented (10 points)

Prizes

Prizes are awarded directly by the organizations offering the prize. The award will be based on the city where the Sparkboard is registered. Please check the respective city event websites for a list of the prizes.

Advancement to a showcase finale

A final showcase event will be held at Communitel in Waterloo, on June 18th from 5-9pm.

Two members from two participating teams in Ottawa and Waterloo will be sponsored to attend this showcase finale as part of the Waterloo True North event. Projects selected to advance to this showcase finale will be those judged to best address social isolation related to an aging population.

This event is supported by a grant from AGE-WELL, and will be used to support the costs of travel and accommodation for four team members (two members from two teams) from Ottawa to the showcase finale.

Appendix A. Full judging criteria

Impactful:

- Importance of the problem tackled
- Extent of the impact the solution can have

Realistic:

- Demonstration of working prototype
- Clear path to a complete solution
- Elaborate design of solution

Quality:

- Quality of the design, UI, etc.
- Usability for the target user
- Quality of the architecture
- Realistic: Fits user reality
- Fits the ecosystem of infrastructure
- Sophisticated: More than a nice “me too”

Innovative:

- New technologies, new ways of thinking in the field, new concepts
- Eureka factor
- Goes beyond other tried approaches
- Distinctive characteristics make it stand apart
- Elegance of the solution

Promising:

- Really has potential!
- Can be adopted naturally and rapidly
- Quality of the team
- Level of insight the team has into how this solution can be deployed
- Is possible: Could become a real business

Well Presented:

- Clear, Succinct
- Inspiring
- Visual (UI, Design etc)
- Clearly makes the audience understand the extent and the importance of the problem