

The City of Mount Pearl Hackathon Pre-Hack

May 2nd, 2019



Hacking Communities: November 2019



Hackathon Defined

Simply put, hacking is **creative** problem solving.

It's a **2-3 day event** that will bring together entrepreneurs, business professionals, designers, developers, innovators, and anyone with a keen interest in designing for the **future**.

Teams will be presented with **data** to identify a problem and come up with innovative ways to collaborate, dream up and design apps, devices, services and solutions for the municipality to better provide services and build its community.

Participants will have the opportunity to **pitch ideas**, form teams, get advice from **experts** and build a solution - all in one weekend. Teams will present their finished product in front of a panel of judges for a chance to win **prizes**.

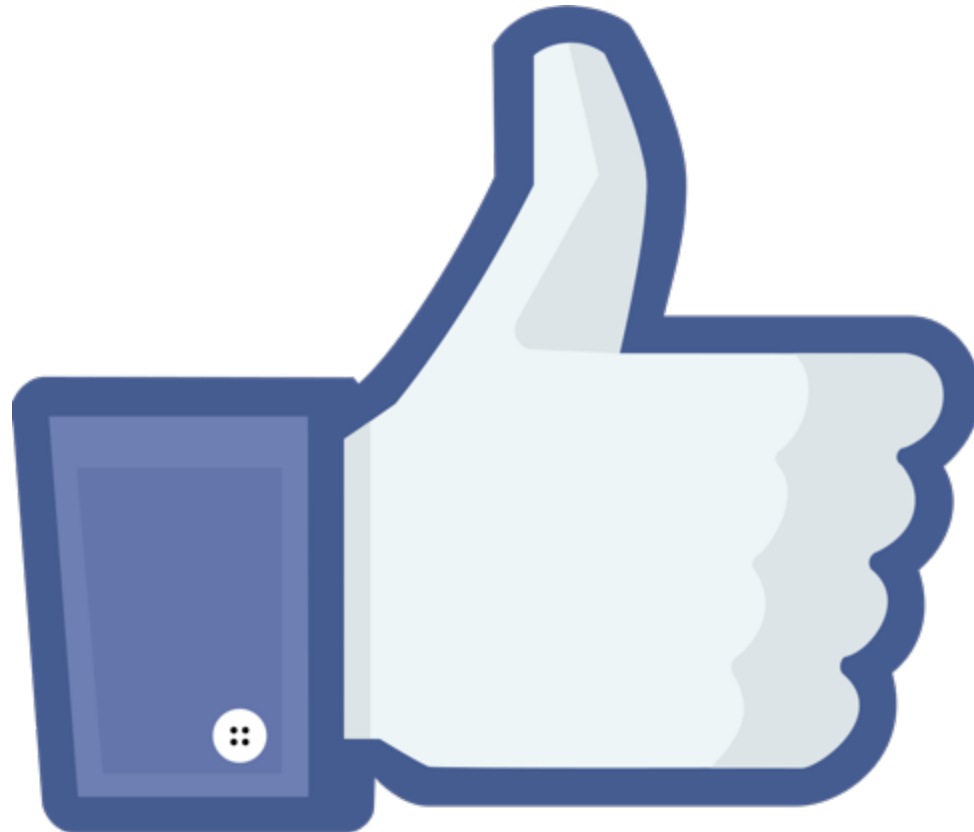
But Really Though.... What is a Hackathon?



<https://www.youtube.com/watch?v=uSGizwUYLsA>

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Born at a Hackathon



Why is Mount Pearl Hosting a Hackathon?

Sights Set on Smart City

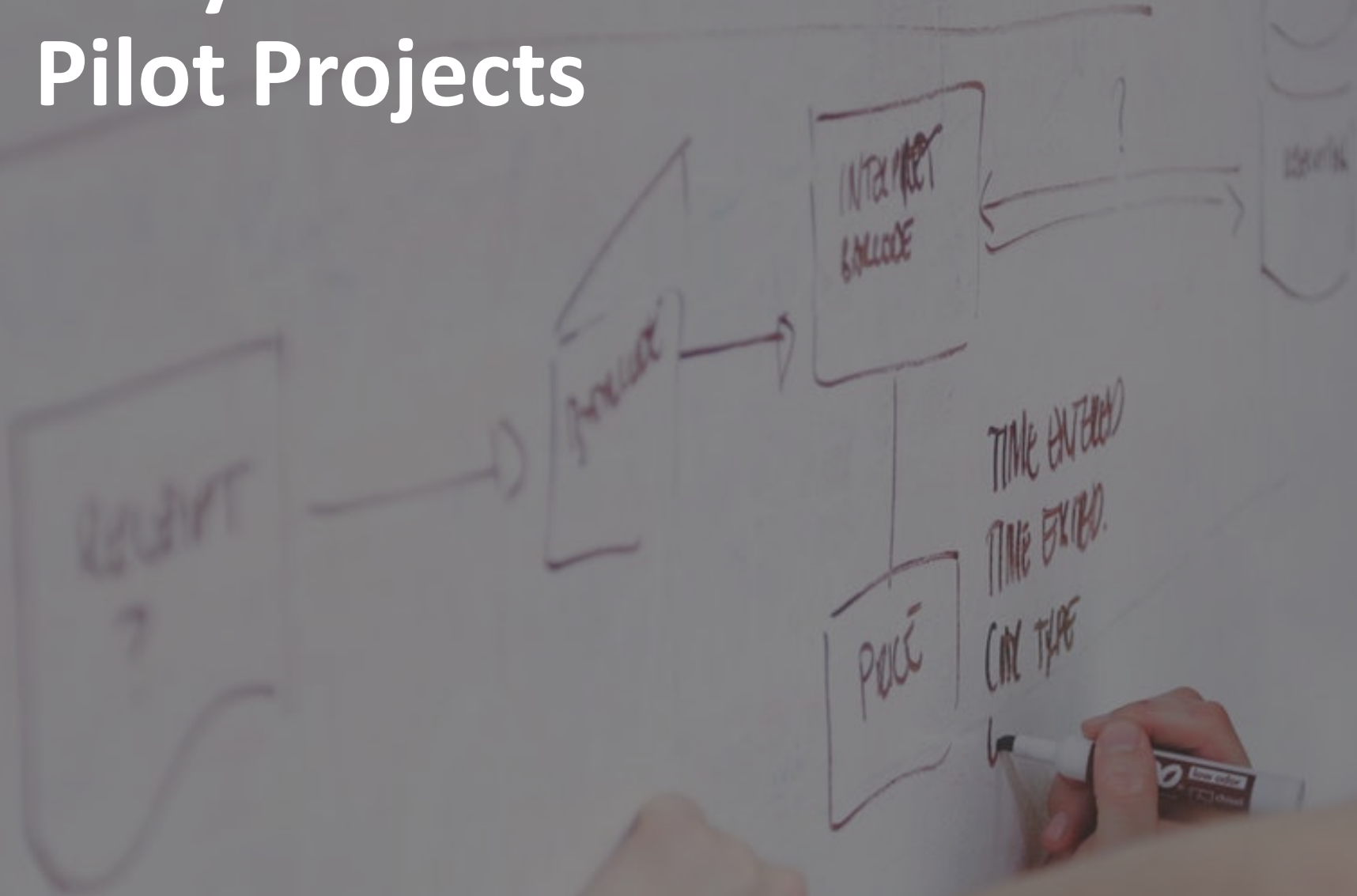
As part of a new 4-year strategic plan, the City of Mount Pearl has established a focus on technology and innovation, including the additional exploration and implementation of **Smart City** initiatives.

Our Smart Cities initiative, branded **A1Next**, demonstrates our desire to engage and act on our most pressing issues, looking to the future of this City, building an **Innovation Park** and the re-purposing of the City's former swimming pool into the **Talent Pool** – the business incubator portion of the vision.

The initial goal of the Talent Pool was to host technology based start-ups that will help solve and develop solutions to the City's challenges – which is where the idea of a Hackathon was born.

The logo for A1Next features the text 'A1Next' in a bold, sans-serif font. The 'A1' is dark blue, 'Next' is light blue, and the 'x' is orange. A thin orange horizontal line is positioned below the 'Next' portion of the text.

Early Ideas & Pilot Projects



Let's Identify our Challenges

Exercise 1:

Problem Identification



15 Minutes

Top Challenges

Teams:

1. Municipal Council Interest
2. Bureaucracy Dealing with Government
3. Ice Control
4. Drinking Water
5. Condition of Highways and Infrastructure
6. Waste Management
7. Storm water infiltration / waste water
8. Water leaks in water systems
9. Identifying # of tourists / parking
10. Pot holes / road infrastructure
11. Economic Development rural communities
12. Pot holes / road infrastructure
13. Pot holes / wear n tear
14. Locating underground infrastructure
15. Boil water orders
16. Speed control traffic / major infrastructure
17. Declining populations
18. Solid waste management

Exercise 1:

Early Ideas & Solutions



15 Minutes

Solutions & Ideas

Teams:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.

How You Can Get Involved

- Host a pre-hack café in your municipality
- Help us spread the word by promoting the event in your local community
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Thank you.
Questions?