Canadian Museum of Human Rights

Winnipeg, 2014

Background

- The Canadian Museum for Human Rights is envisioned to be a national and international destination, a centre of learning where Canadians and people from around the world can reflect on and be inspired by human rights. (http:// museumforhumanrights.ca/about-museum)
- One of the primary features of the museum exhibits are interactive kiosks at which users can explore various topics related to human rights.



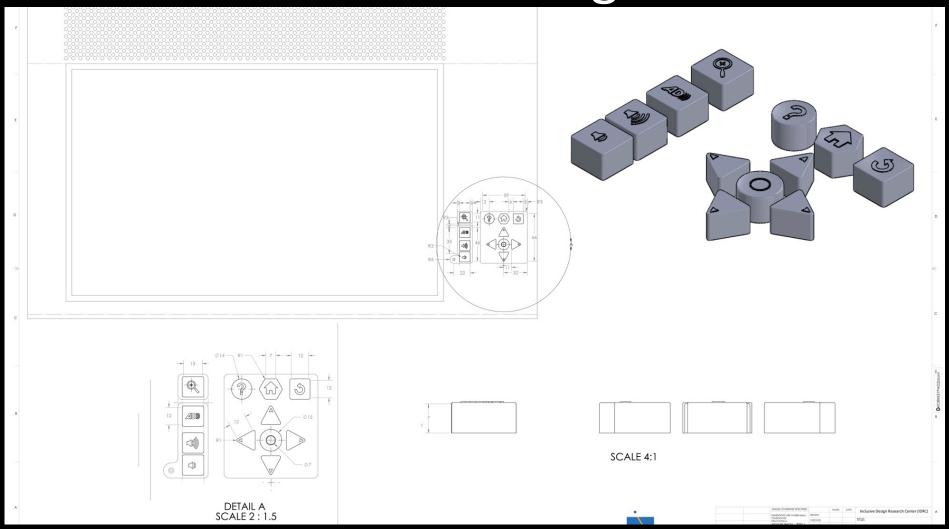
Aim of the Project

- The Inclusive Design Research Centre was asked to design a "universal keypad" that will be installed on the touch-screen kiosks in the museum
- This keypad will provide an alternative to using the touch-screen interface, thus making the kiosks accessible to more users.

Considerations

- Design a keypad that provides clear tactile (and audio) feedback regarding the function of each key.
- Design a keypad that is easy to use (concave keys, large keys, high contrast, understandable layout, comfortable positioning of keys, etc.)
- Design the keypad to provide screen-reader-like navigation and functionality (e.g. follow semantic structure of the interface)
- Design the keypad for robustness, ease of manufacture, cost

Current Design



Status of the Project

 We are currently in the process of user testing with the keypad prototype and will finalise the design by the end of May





Alternatives

- Universal keypad is just the tip of the accessibility iceberg
- Future considerations for one-size-fits-one solutions include the use of existing personal devices to control the interface
- Other alternative solutions have also been considered (next slide)

Alternatives

