

Fire Awareness

What

Every year families/individuals have fallen victim to fires caused by careless behaviour. These careless behaviours such as smoking inside the house, unattended cooking, misuse of electrical appliances or plugins, etc.. causes fires that take away homes, possessions, and worse lives.

Who - Target Customer

The City of Regina - Fire and Protective Services would like to spread awareness and education about fire safety to the youth in our community to prevent fires from occurring.

Problem

With the current interactive fire safety survival activity that is provided to elementary schools the devices and software used are old, kids do not know how to interact with the devices causing frustration, as well as appropriately convey the situation to the operator.

Vision

With technology advancing the Fire and Protective Services wants to have an application that is a learning tool as well as a simulation present day communication devices for kids to interactively learn and practice fundamental procedures of fire safety.

This will allow kids to have access to an application that they can practice and frequently use to become aware and ready if a fire occurs.

Needs and Requirements - Key Experiences

- Interactive application
 - Interactive application to stimulate the learning experience and application of knowledge.
- Low threshold , High Ceiling
 - Easy enough for kids to interact with but provide a high functionality application
- Discoverability
 - Figuring out the possible actions
- Understandability
 - Able to know what each action or component means.

Constraints

- Time for development
- Single platform application if mobile. Language and environment(Java with Android studio)
- Mock calls with 9-1-1 operator

Making an application that caters to everyone will lead to a non SOLID application thus our stakeholders will be:

- The City of Regina - Fire and Protective Service
- Early childhood educators / Anybody who works with children's education
- North Star: Kids (kindergarten to grade 5)

