

Deliverable 1: Problem definition, requirements, & framing

Problem definition: (Primary) As the technology found in the average household advances, fewer and fewer children understand how to use touch-tone phones.

(Secondary) The program only educates the children, the problem is the parents typically do not know any more about fire safety than the children do.

Project Vision: Create a way of simulating a 911 phone call for demonstration purposes, and an easily accessible and friendly source of knowledge for the parents to become familiar with the information regarding fire safety.

Project Rationale: Fires are by and large mostly preventable; by aiding programs that educate on fire, and fire safety to reach further, and educate more efficiently the number of unnecessary catastrophes can be reduced.

Stakeholders: Regina Fire & Protective Services (RFPS), Children, Parents and other fire safety programs.

Assumptions: Users have access to a phone, users speak English. RFPS has access to two phones so they can make use of the app, technologies are available.

Constraints: Time, knowledge/experience on app development, getting parents to use the app.

High-level customer needs/requirements:

- Customer needs a way of demonstrating a 911 phone call.

- Customer needs a way to educate parents about fire safety.

