

SPP7 **SIREN** Presentation



Presented by

Group 2



Amir Gonzalez

Project Manager



Azriel Cuellar

Product Manager



Hipolito Bautista

Senior Developer



Victor Tillett

Junior Programmer

Siren

Value Proposition

- Provides control, peace of mind, personal security and empowerment to the user during any disaster or national emergency

Problem

- There is currently no way to send real-time alerts and information to people in imminent danger during a natural disaster which is vital to the protection of lives and property.

Solution

- Siren provides an easy to use interface for smart phones with real time alerts, news, shelter search, and preparedness checklists just to name a few.

Overview of talk



- Overview of revised design
- Prototype implementation status
- Demonstration & Summary

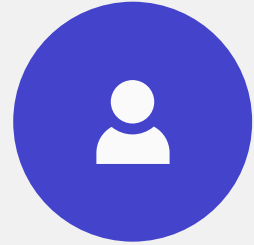
Revised Design



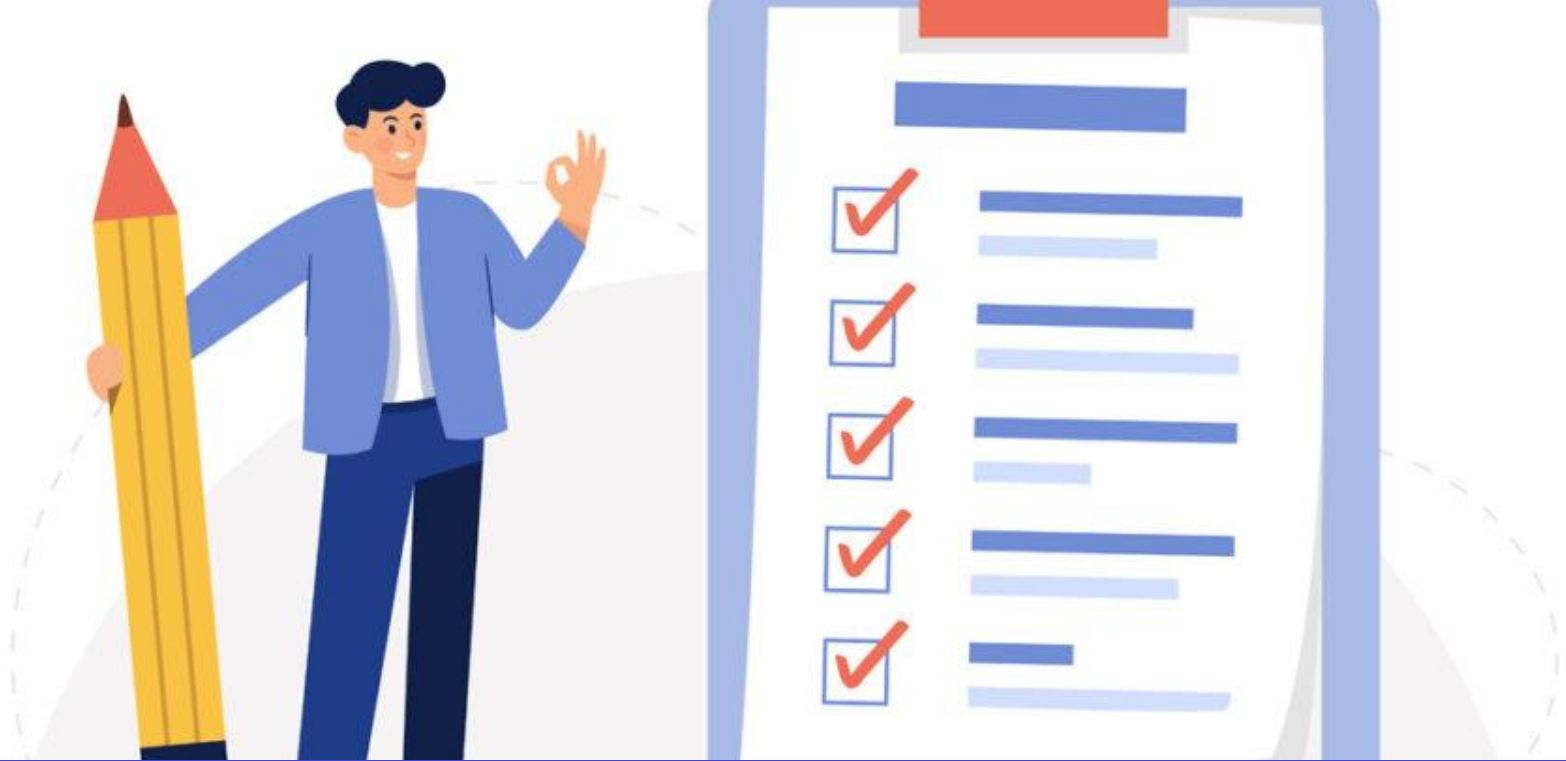
Simpler screens



Added padding around
elements

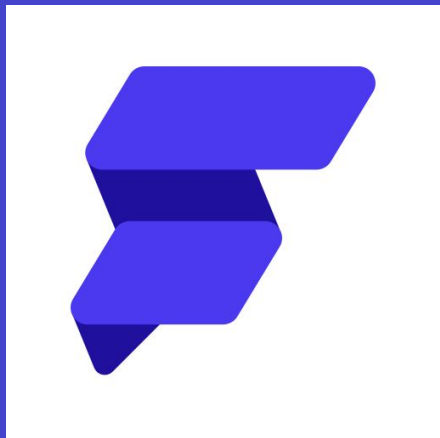


Back buttons have
been added



Prototype Implementation Status

Tools used



The tools used to create the Siren app:

Flutterflow

FlutterFlow lets you build apps incredibly fast in your browser.

Tools used

How the tools helped

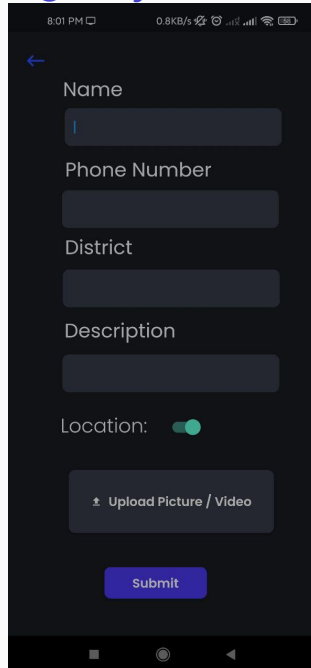
Building Siren using Flutterflow allowed us to easily drag and drop components. These tools allowed us to create a visually appealing app and be able to add functionality.

How the tools didn't help

The free version of flutterflow does have its limitations. It does not allow for downloading the code, or apk file in addition to limiting the advanced features.

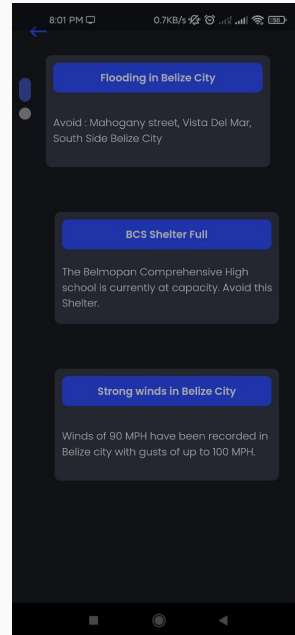
Implemented features

Emergency form

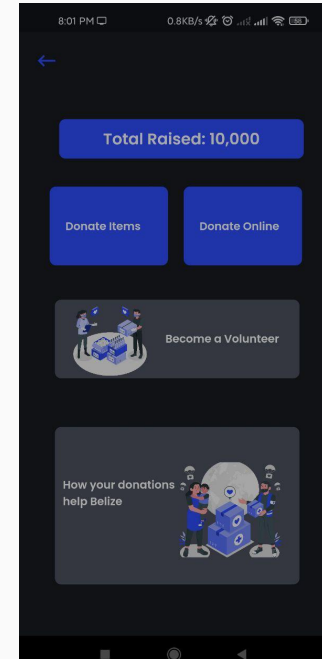


A screenshot of a mobile application interface for an emergency form. The background is dark. At the top, there is a status bar showing the time as 8:01 PM, battery level at 0.8KB/s, and various icons. Below the status bar is a blue back arrow icon. The form consists of several input fields: 'Name' with a blue underline, 'Phone Number' with a blue underline, 'District' with a blue underline, and 'Description' with a blue underline. Below these fields is a 'Location:' label with a green toggle switch. At the bottom of the form is a blue button labeled 'Submit'. Above the 'Submit' button is a blue button labeled 'Upload Picture / Video'.

Real time alerts



Evacuation routes



Unimplemented features

Find Shelter



Research into other app development frameworks to make the maps and directions work.

Preparation Tasks



Partially implemented.
Can be improved to customize tasks. Subsequently will be able to Add Edit and Remove items to lists.

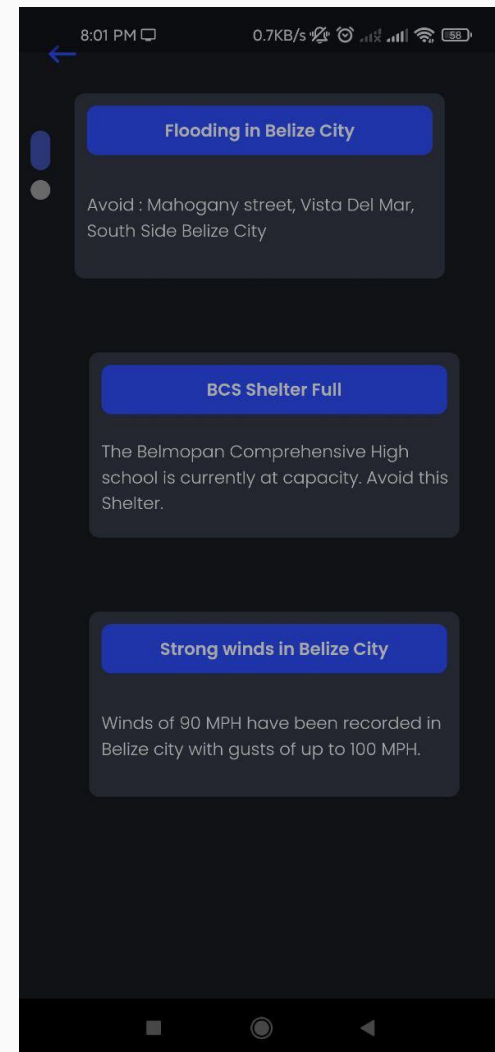
Hard Coded Data

Live updates

As a demonstration of how the app should work. Currently no backend component is implemented.

Find Shelter

Sample map added in the background



Summary

The app currently has its limitations but hoping to overcome these in subsequent update.

Siren app is well on its way to becoming ready for a beta release and then a general release.

Website can be found at amircitobz.github.io



Thank
you

**Any
questions?**
