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Emergent

Description

Emergent is an app for ensuring the safety people in a location. It enables people report emergency incident that require immediate attention with an image as a proof. It also has a news feed aspect for updating users on the latest emergency news in their region. Users also have the ability to upload their own news item to be reviewed. Finally there's a location part which allow users to ask for community help and also allow other people around to see those who need help and come around to help.

Intended User

Emergent is for everyday people who are concerned about their safety.

Features

- Take Pictures
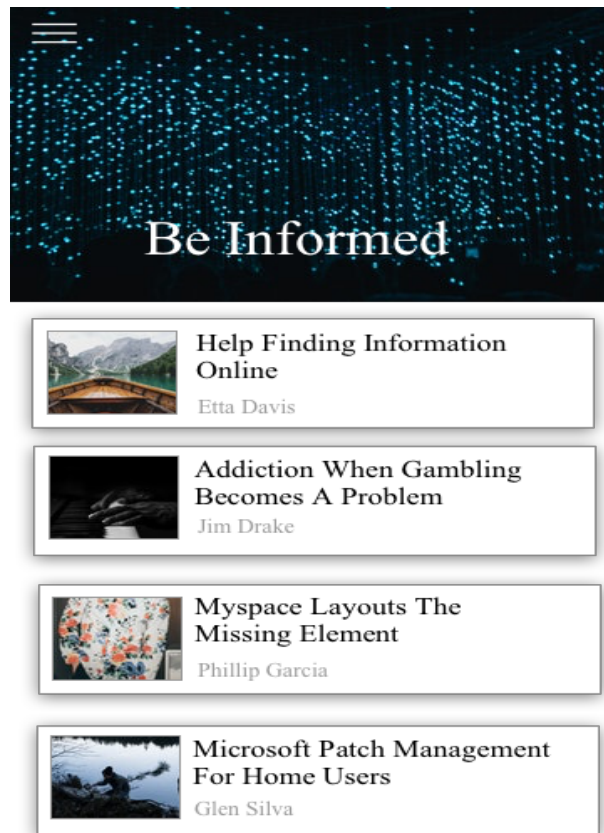- Send Email
- Check maps

User Interface Mocks

Screen 1

This is the Landing Page of the APP.

Screen 2

This is the News feed part of the app.

Screen 3

Compatible Inkjet Cartridge

Many people were hoping that if the Democrats won control of Congress they would reverse the online gambling ban, but experts doubt they will even try or that if they do that the will be successful. Once the bill was passed and signed into law by the president, it became much harder to reverse the law. The democrats would need to bring up the law and get it to a vote, then after the vote passed it needs to go to the president for his signature. The problem with this is that the current president is the one who signed the bill into law in the first place.

Ricky Nguyen

This page shows the detail of each news item.

Screen 4

← Report The Incidence

Title

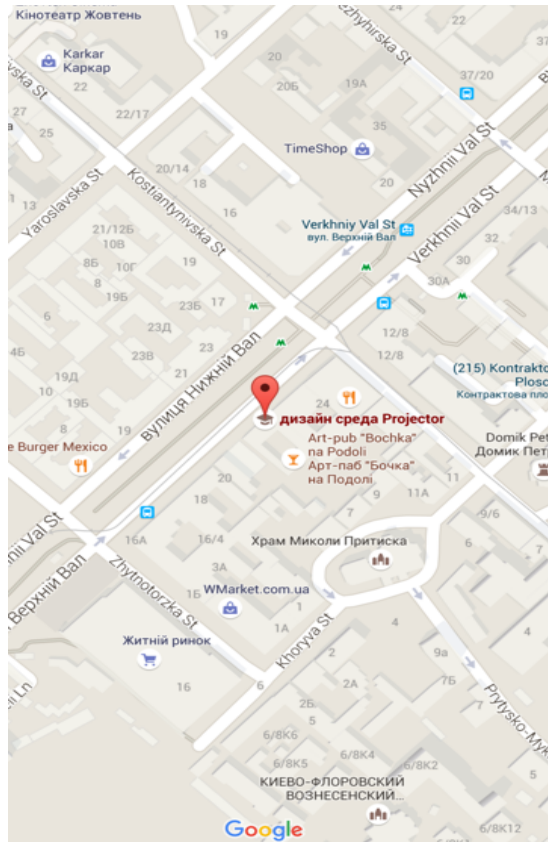Home Audio Recording For Everyone

Description

While most people enjoy casino gambling, sports betting, lottery and bingo playing for the fun and excitement it provides, others may experience gambling as an addictive and distractive habit. Statistics show that while 85 percent of the adult population in the US enjoys some type of

Submit

This is a form for adding a news item for review.

Screen 5

This is the map page which shows the people in need of help around.

Widget

> ### The Skinny On Lcd Monitors
> Grace Baker

> ### The Best Answers
> Minerva Stevenson

> ### How Plasma Tvs And Lcd Tvs Differ
> Eliza Holt

> ### How To Put Movies On Iphone
> Etta Davis

This is a widget showing latest news

Key Considerations

How will your app handle data persistence?

Persistence data in the app would be managed using firebase realtime database.

Describe any edge or corner cases in the UX.

A snackbar would notify the user of lack of internet connection and the user would be asked to refresh.

Describe any libraries you'll be using and share your reasoning for including them.

1. Glide to handle the loading and caching of images.
2. Retrofit for networking.
3. Firebase real time database for data persistence.

Describe how you will implement Google Play Services or other external services.

1. Google play map would be used for the google map user interface.
2. Google location service would be used for getting user location and pinning their community help request on the map for others to view.

Next Steps: Required Tasks

Task 1: Project Setup
- Configure libraries
- Get keys for google play services.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for News Feed Activity
- Build UI for Detailed News
- Build UI for adding News
- Build UI for Map interface

Task 3: Handle Networking

- Consume news api with retrofit
- Implement loaders and UI for the news item

Task 4: Handle Report communication

- Prepare email intent with attached images for reporting crimes
- Handle phone call communication for emergency calls

Task 5: Map Activity

- Persist location data when community report is made.
- Retrieve location information and pin on map interface.

Task 5: Build Widget

- Build widget UI.
- Implement intent activities.

Task 5: FireBase Real Time DataBase

- Set firebase real time firebase for data persistence.
- Persist users location data and other information.
- Retrieve location data using Firebase Job dispatcher.