<div align="center">

App: Matrix
Developer: Jiayang Li

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App definition statement

Matrix is an iOS app which provides a platform for drivers to share traffic condition events.

Key Features

- Login and Registration
  - Drivers are able to register their accounts and able to login. They can also choose to login with Google.
- Share Events
  - Drivers can upload events, watch events, check details and give comments on Google Map Interface.
- Add to Favorite
  - Drivers can also see nearby events and add them to favorite by clicking on the thumbs-up button and the number of likes will increase.
- Notifications
  - Once one event has been uploaded, the driver will receive a notification that a certain type of event has been uploaded.

User Profile

Target age: 20 - 60 years old drivers who have a mobile phone
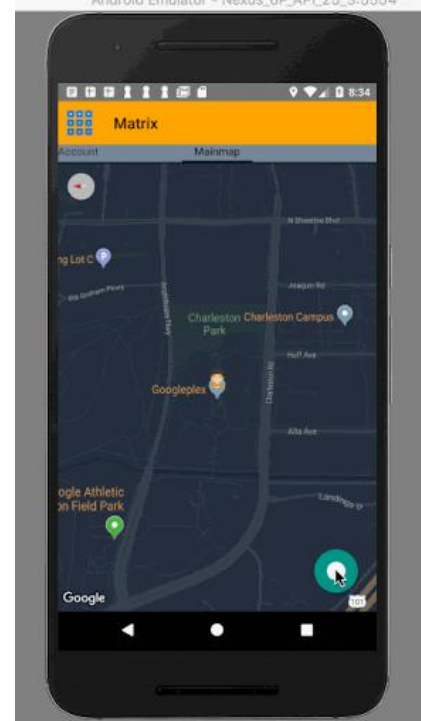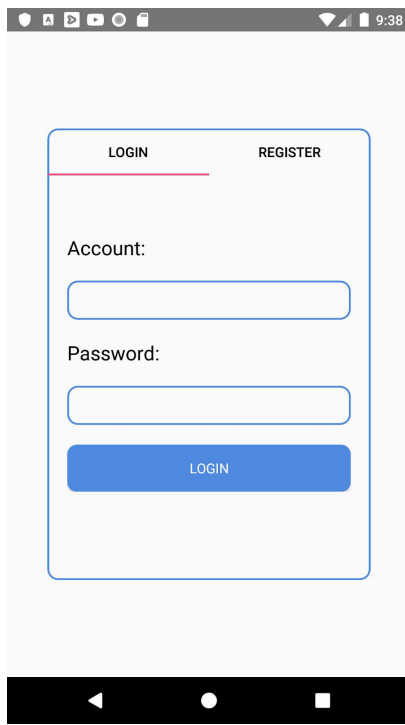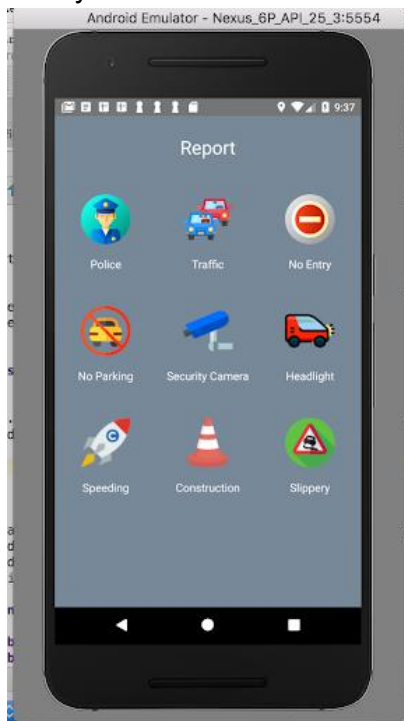Target gender: Male/Female

Technology Items

- 3 Third-party API / frameworks
  - FireBase
  - Google Maps
  - Sign in with Google
- 3 Apple Frameworks
  - Speech
  - PhotoKit
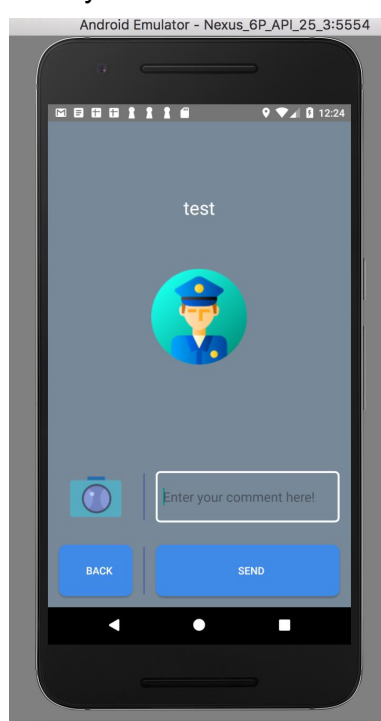 - Core Location and MapKit

Wireframes

This is the login page, the user can also register. After logging in,the user will be on this page
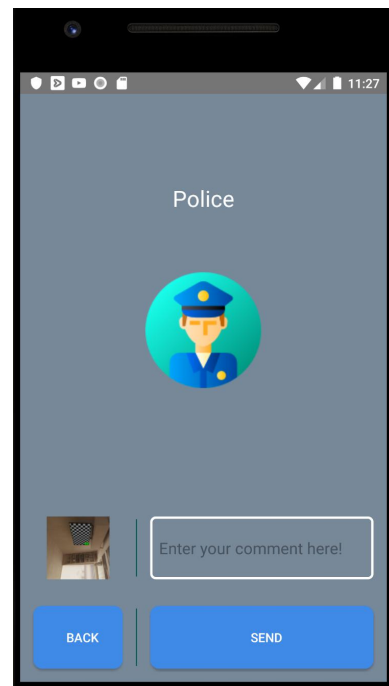

after you click on the button   after you choose "Police"   you can add pictures, comments
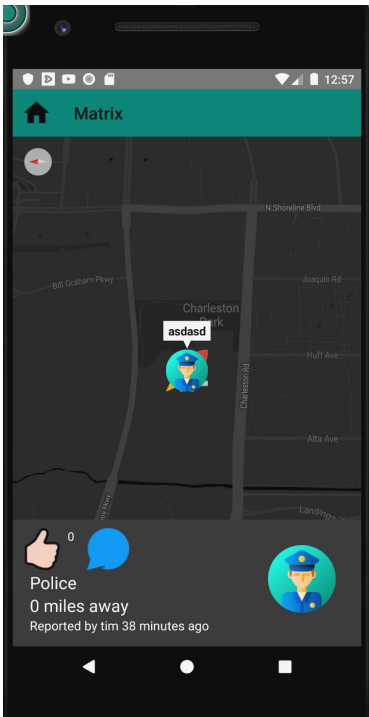
App Proposal

You will receive a notification after you upload a certain type of event.

after drivers upload events

you can see one event

you can favorite this event