

Group 7

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*we have been having issues getting in contact with our team member

Lightning demos (Group)

[Look at software applications \(Links to an external site.\)](#) in the same domain that does something similar to the goal of your app.

1. Notes (Group)

Look at all of the artifacts and documents that have been created so far. What is the goal of the app? What are the features of the app?

2. Ideas (Group)

Identify top non-intuitive features from feature list and assign each to at least two members. An intuitive interface would be a login interface. An example of a non-intuitive interface would be an interface that uses visualization to achieve a feature. E.g. in a car sharing app how would you visualize the available vehicles to users.

1. Notes

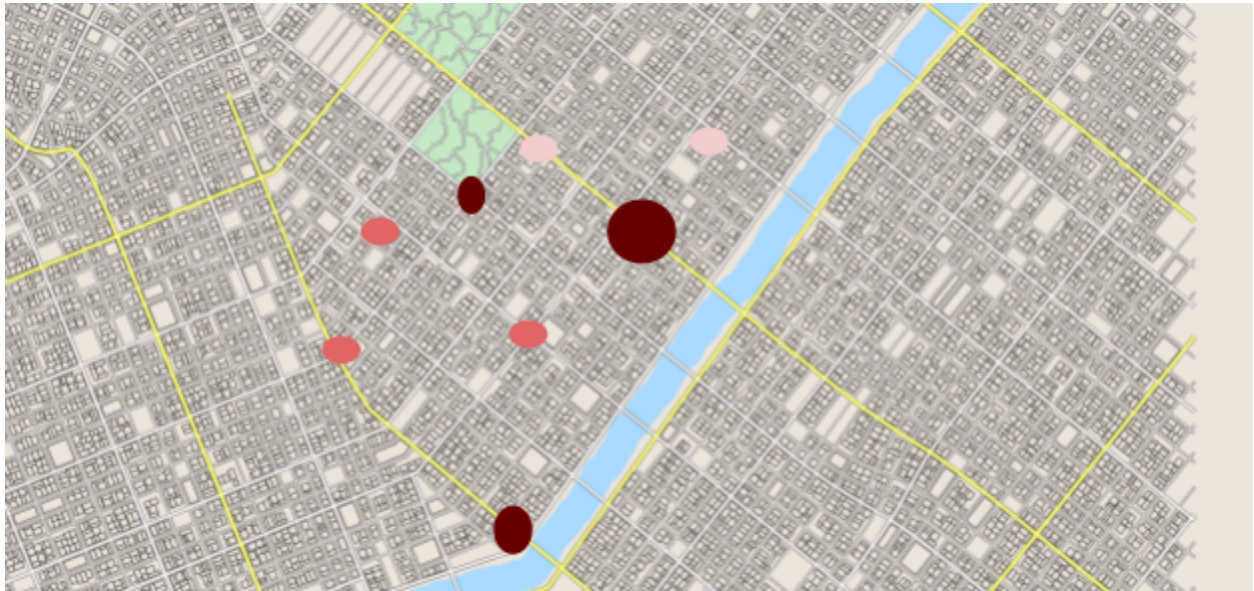
- a. The goal of this app is to provide users with an understandable interpretation of Bloomington traffic data to help with a wide range of needs. Features of this application include the implementation of traffic report data and pedestrian traffic in the city of Bloomington Indiana in an easy to understand format. We hope to implement a google maps api to provide users with a familiar platform that users may have used in the past.

2. Ideas

- a. Heatmap of heavy traffic
- b. Locations with pedestrian traffic/sidewalks and bike lanes
- c. Route finder
- d. Google Maps section

3. Solution Sketches

The heatmap graph shows a map of the town but with a heatmap index on top of it. Different circles of varying color intensities that show where the the majority of traffic occurs or even where the majority of accidents occur.



The light pink circles are areas of low traffic count, red is average traffic count, and dark red is heavy traffic averaged over a period of time or at specific times of day.

The city in the background is just one used as a city generator. The actual town might look substantially different.