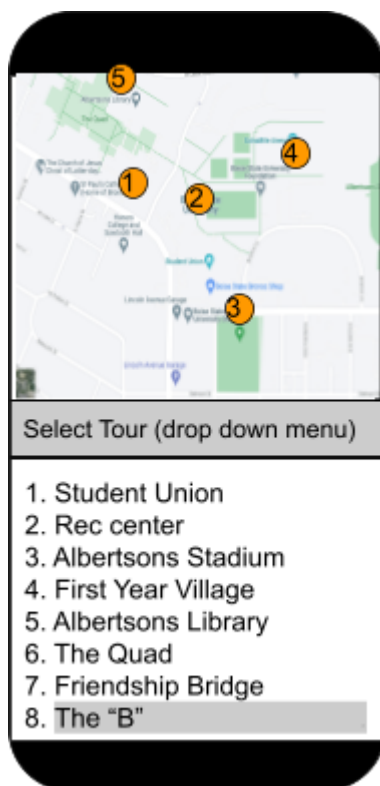


Team 9  
Proposal  
BSU Self Tour App

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The idea we have for a mobile application is a self guided tour of BSU campus. The major screens would be:

1. Home screen with Google maps and list
  - a. Map: contains Series of geo locations/triggers of important locations on campus
  - b. Map:Current location icon
  - c. Drop down menu to select different tours( Long General campus tour, short campus tour, Food locations, Freshmen orientation, Computer science locations.... etc.
  - d. List of locations for current tour selection
2. Location screen()
  - a. Contains picture(s) of location
  - b. Audio player
  - c. Audio transcript



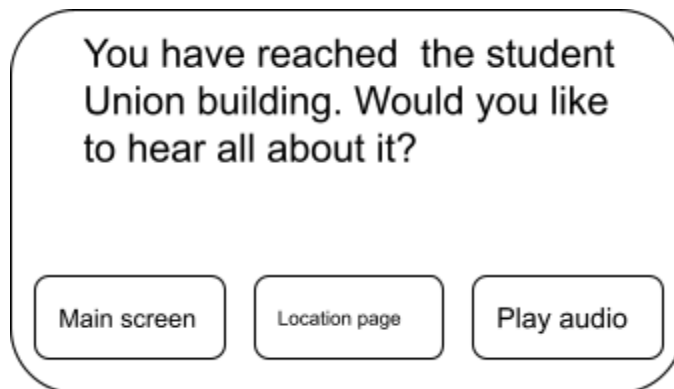
Home Screen



location screen

Once a user selects which tour they want to take the map will highlight the applicable locations or maybe hide non applicable locations(decision depends on location density)

When a user approaches a geo location a geo trigger will create a popup window and ask the user if they would like to hear the audio description of the location. Clicking yes takes the user to the location screen where they can see a picture of the location, an audio player to play a recorded description of the location, and a text transcript of the audio file.



Popup alert when you reached a new location

When the audio is done playing, it will update the homescreen and place a completed mark next to the location on the list. When the user goes back the next "suggested" location would be highlighted on the map.

Additional features would include a reset button to clear previous location. The ability to click on the location directly on map and go to location screen to listen to audio(for off campus virtual tours)

A developer feature which would allow a button to record a location into the database for creating a tour map.

#### Major areas of focus

- Using Maps and location

- Embedding an audio player

- Data base

- Different lists

- Location name

- coordinates

- image

- audio

- transcript

- visited (false)