

PahktheCah

A walking guided tour
of Boston

App developed by:

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Synopsis:

Park your car and set out on a walking guided tour with PahktheCah! PahktheCah takes you through Boston to a destination of your choice while allowing you to take your time and explore the numerous sites along the way. The intent behind this app is to introduce newcomers to the locations that the developers felt were unique to Boston.

App Classes:

Each page in the app corresponds to an XML page, which corresponds to an activity.

Options Page/Menu/Category Page Classes:

- Initializes button, sets OnClickListener
- Initiates appropriate activity

Home Page:



The home screen is the first screen that the user sees when they open the app. It simply introduces our app.

Go to Categories page

Button to the About page

About Page:



This page welcomes the user to Boston and describes the purpose behind the making of this app



Press the back button or use the Navigation Menu to return to the Home Page

Phone Button Usage:



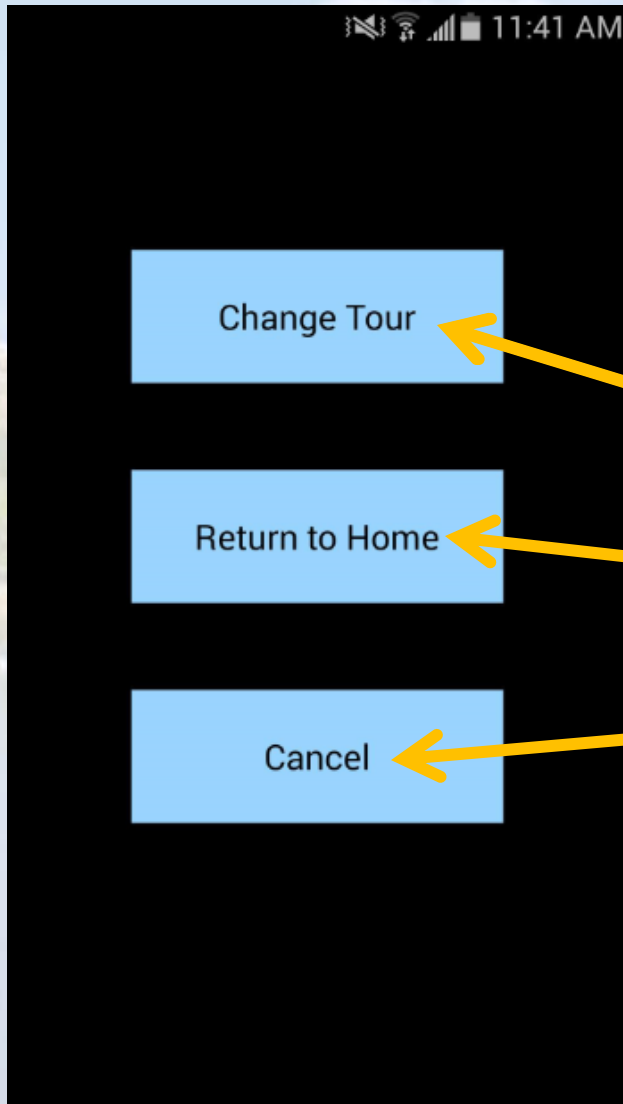
The buttons on the phone are used to help the user navigate through the app.

Brings up Navigation page

Goes back to the previous page

Navigation Page:

This page allows the user to go to certain pages within the app regardless of what page they are on. It is accessible at all times.

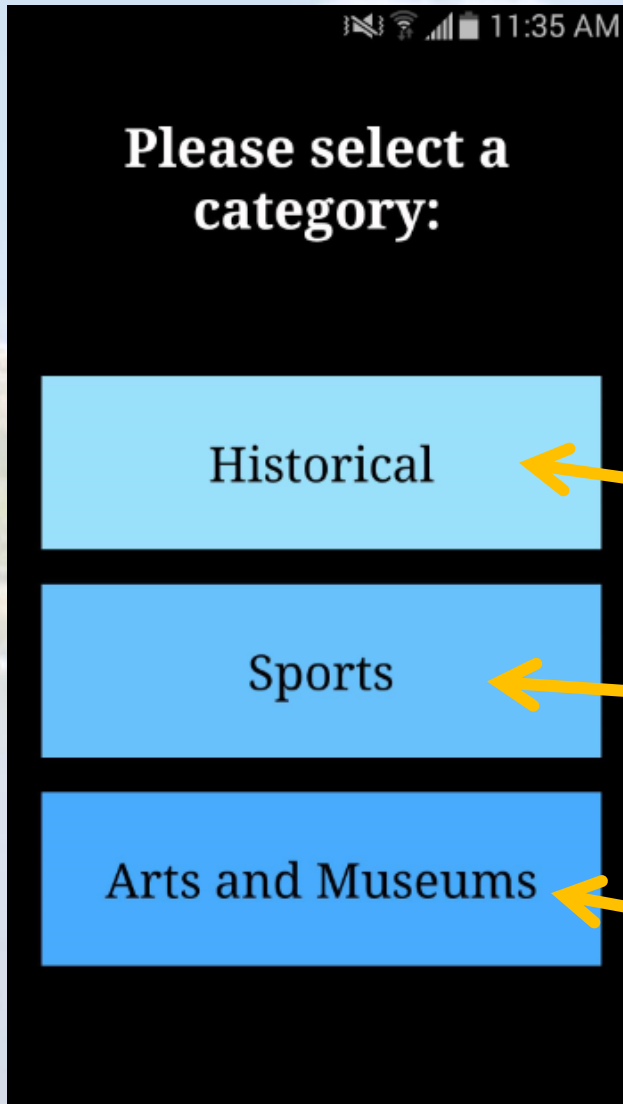


Goes to the Categories page

Redirects to the Home page

Cancel the redirect action

Categories Page:



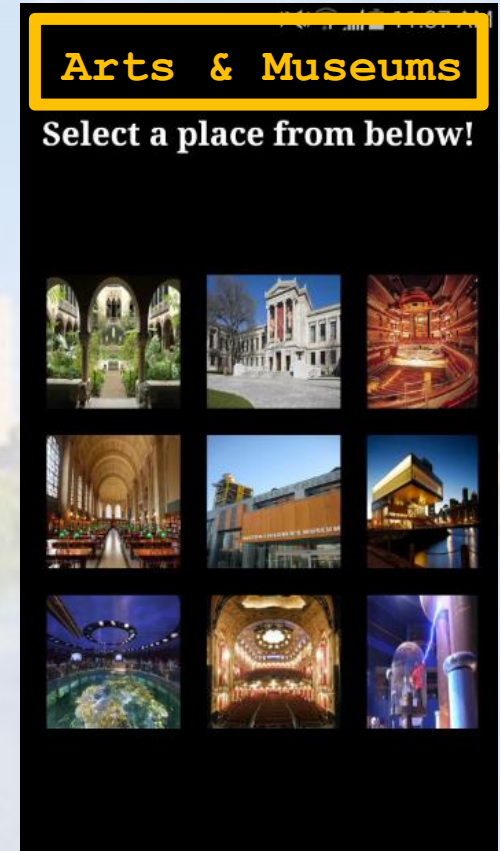
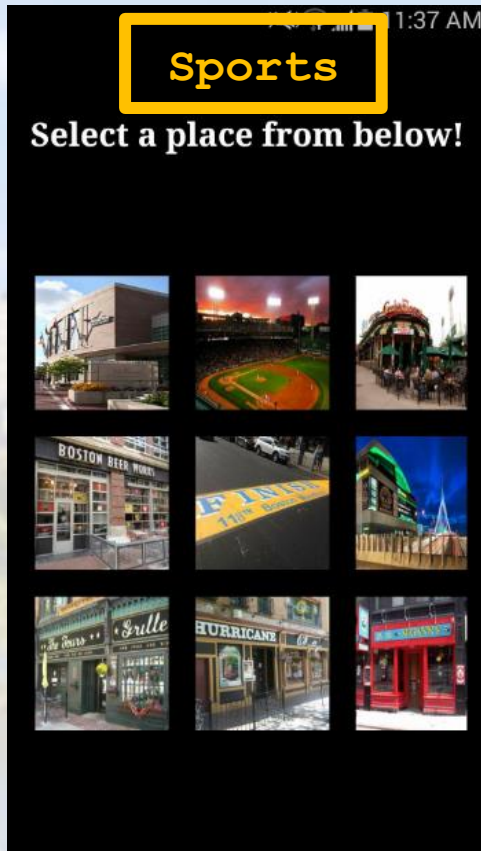
This page allows the user to pick a location by first having them choose what kind of location they're interested in - historical, sports, or arts.

Goes to the page with historical locations

Goes to the page with sports locations

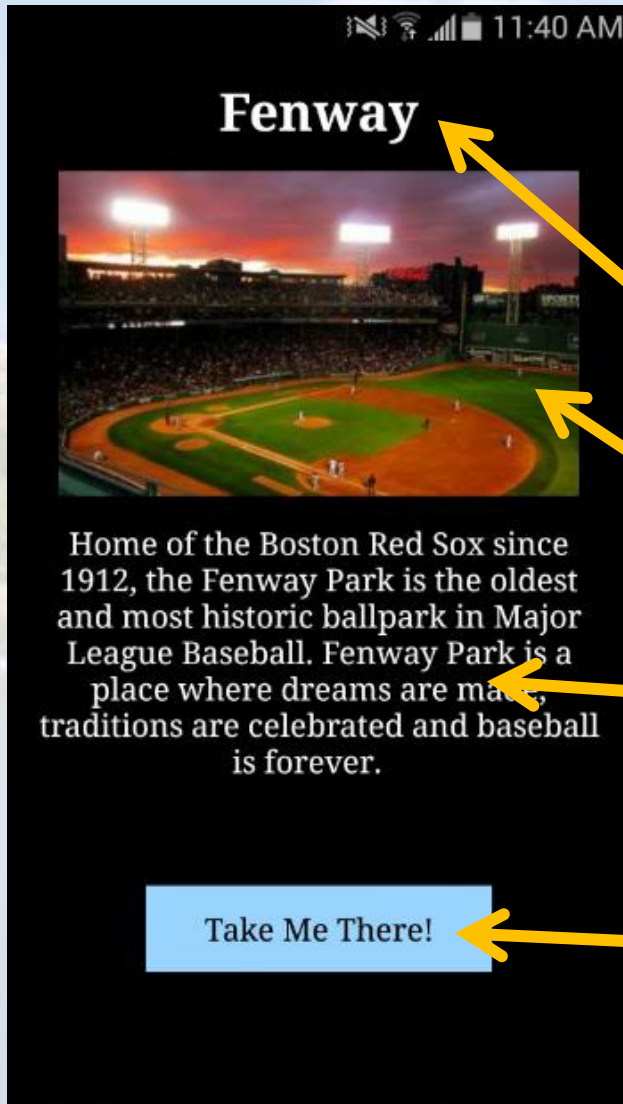
Goes to the page with museum and arts locations

The Three Categories Pages:



This pages display the different locations that user has to choose from within each category. The pictures of the places are the buttons - the user simply has to tap on the picture of the desired destination.

Location Page:



This page elaborates a little bit on the chosen destination. If the user taps the "Take Me There!" button, the button will open Google Maps with the place as the end destination.

Picked location's name

Enlarged image on button

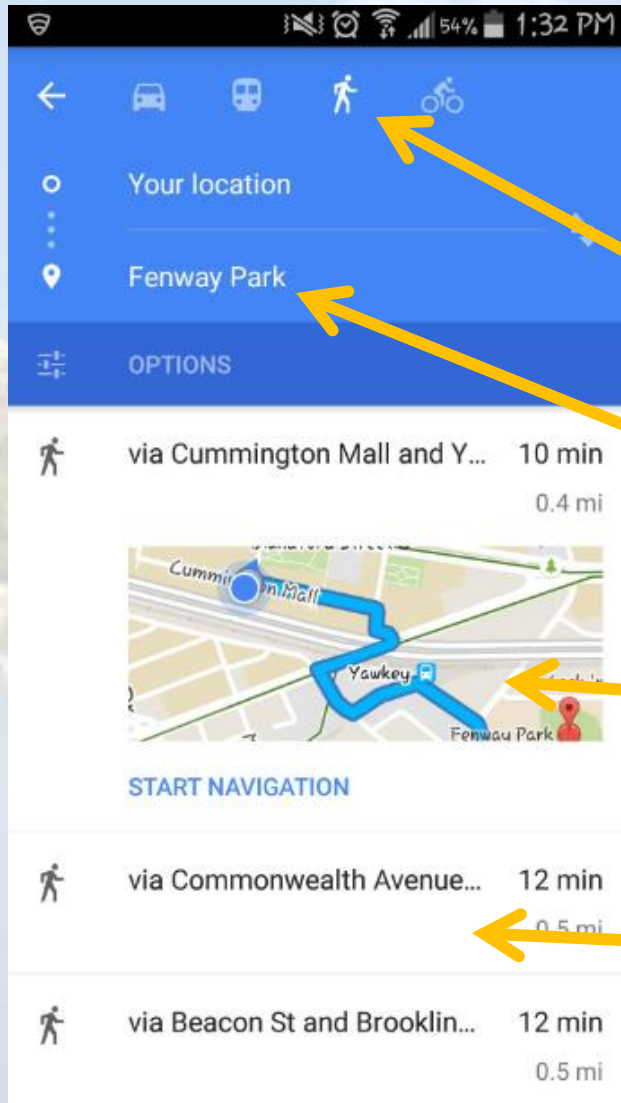
A small description of the location

Opens Google Maps, which will lead the user to this location

About_____ Class:

- If the user presses the "Take Me There" button, it creates an Intent to the `MapsActivity` class
- Each intent has an extra string added to it which is used in the `MapsActivity` class to figure out where the Intent came from
- if the back button on the phone is pressed, the previous activity on the stack resumes
- if the menu page is pressed, the menu activity is initiated

In Google Maps



Google Maps searches for the name of the location chosen, and sets that place as the user's destination.

Automatically set to give walking directions

Chosen location as destination

If user chooses, can be guided visually

Shows directions to get to destination by walking

MapsActivity Class:

- Connects app to the Google API client
- Sets up the map
- Depending on which activity that the intent came from, it initiates the opening of Google Maps on the user's phone with the location that they had previously pressed as the destination
- In Google Maps, the user will be able to get turn by turn directions depending on their mode of transport

Thank you!

