Project Summary

We're requesting a flat price or price range quote for developing each of the following possible mobile apps for one of our clients.

Our client, the New Haven Preservation Trust, needs an iPhone app and an Android app to create walking tours using the user's location obtained by GPS.

It needs to take the user to the next location from the user's current location by using turn-by-turn walking directions. The app needs to, when prompted by user to indicate arrival, grab and display information from the New Haven Preservation Trust website.

There are three way versions for how this app can work.

Core Feature Versions

Version 1

The tour order is determined by a fixed order of locations. For example, House 1 is always the first location. House 2 is always the second location. House 3 is always the third location. Etc. (House names will not be "House 1", "House 2", etc.)

Upon initializing the application, the application finds the user's current location by GPS and provides directions to the first house in the fixed order. The application provides turn-by-turn walking directions from the user's current location to the first house.

When the user has arrived at the location, the user clicks an "I'm Here" button that marks the house as "visited" and opens up a mobile optimized webpage within the application for the specific location. The webpage will be hosted on New Haven Preservation Trusts' website.

The user can click a "Next" button to be taken to the next house in the fixed order, in this example House 2. (Clicking "Next" always takes the user to the next house in the fixed order.) Clicking "Next" will use the user's location via GPS to provide turn-by-turn walking directions to House 2.

If a user leaves the app and returns, the user will be taken to the next unvisited house in the order and not the first house.

This process repeats until the tour is done.

Version 2

The tour order is based on the proximity of the nearest location. For example, if user is closest to House 3, the user will be given directions to House 3 first.

Upon initializing the application, the application finds the user's current location and provides directions to the closest house.

The application provides turn-by-turn walking directions from the user's current location to the closest unvisited house.

When the user has arrived, he clicks an "I'm Here" button that marks the house as "visited" and opens up a mobile optimized webpage within the application for the specific location. The webpage will be hosted on New Haven Preservation Trusts' website.

The user can click a "Next" button to be taken to the closest house by proximity that is not marked as "visited."

 (Clicking "Next" always takes the user to the closest house not marked as "visited") Clicking "Next" will use the user's location via GPS to provide turn-by-turn walking directions to the closest house.

This process repeats until the tour is done.

Version 3

The tour order is determined by the user's choices.

Upon initializing the app, the user is presented with a map that contains all of the houses and his current location. The user can click on an unvisited house and click "Get Directions" to be taken to the house or "More Information" to view the location's mobile optimized webpage within the application.

The application provides turn-by-turn walking directions from the user's current location to the house that the user selected.

When the user has arrived, the user clicks an "I'm Here" button that marks the house as "visited" and opens up a mobile optimized webpage within the application for the specific location.

The user can click an "I'm done" button to be taken back to the map view.

Consistent Features

These features need to apply to all options above and should be factored into their cost.

Reset Visited Locations

User needs to be able to reset the houses he has visited. This will reset all houses.

View all Visited Locations

User can see all of the locations he has visited in a list view. Clicking on the location brings up the location's mobile optimized webpage within the application

Line-item Features

These features need to apply to all options above, but we'd like a quote as to how much they would cost in additional to the option and "Consistent Features" above.

Manually Reset Visited Locations

User can determine which houses to reset as unvisited. This is in addition to the "Reset Visited" option above. For example, the user can choose to set "House 1" and "House 3" as unvisited.