CS325 Project 4.7
High Fidelity Prototype

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Introduction

For part 4.7, we developed and designed a high fidelity prototype of our rideshare app using Marvel App. We decided on Marvel App because of it's straightforward usability, it's freedom in design, it's arsenal of presets, and it's collaboration feature.

Interface Redesign

1. Adding a confirm notifications after signup and making a post.
    a. Providing user a visual positive feedback on finishing the registration.
    b. Allowing the application to communicate with users.
2. Labeling icons at the bottom of the app
    a. Helping user to have a better application workflow.
3. Colors of input field
    a. Changing the background color of input fields to white when clicked to notify users that they provided an input in the fields improving application workflow.
4. Additional information about price
    a. Changed to "Price per Seat" to avoid misunderstanding about what price entails.
5. Giving more freedom in location input
    a. Users can input a general place (e.g. Amherst) rather than a specific address.
    b. To put down a specific address, they must press the map button next to the location fields and either pin point it on a map or search and confirm an address.
6. Search/filter function
    a. The search function symbolized by a magnifying glass will act as both a filter and search function. If searching for posts that are going to Boston, type "Boston" into the engine and a list of suggestions will appear. If clicked, the entries will filter the post appearing as a bubble located above the posts. The filter application will remain until the user deletes the filter's bubble by clicking on the "x.'

High-Fidelity Prototype

Link to Marvel Prototype:

We developed the prototype with a our three tasks in mind. Hence, we have included references and directions to execute these tasks below:

1. **Easy Task: Communication**
   a. Start from the offer page.
      i. We advise starting from login/signup page, and pressing 'login' button (without having to provide input) immediately bringing you to home page and then click on the offer icon below.
   b. Click on the entry for Charles Deet and a notification will appear providing details of his ride offer and options to communicate and accept her offer.
   c. Click on the phone icon to call Michelle bringing you the calling page.
   d. Cancel the call to Michelle by pressing the phone icon bringing you back to step b.
   e. Click on the chat bubble icon to message Michelle.
   f. Tap on 'iMessage' below to make keyboard appear.
   g. Tap keyboard to send a message.
2. **Medium Task: Signing Up**
   a. Start from the login/signup page.
   b. Press the sign up button
   c. "Fill out" all the fields by pressing on them in order of top to bottom (Pressing on the fields will automatically put in inputs). After 'inputting' the password. Press the return button on the keyboard to exit the keyboard.
   d. Click the 'Save' button.
   e. Press the big plus button bringing you to a page to select a profile picture.
   f. Press the picture of the guy wearing sunglasses
   g. Press the phone number field to input a phone number.
   h. Press the 'Write About yourself' field
      i. Press 'ok' button

i. Press 'save' button making a notification congratulating your signup.
3. **Hard Task: Making and finding posts**
    a. Start from the Request page.
    b. Go to the Offer page by clicking the offer icon.
    c. Create offer post by pressing on the 'Post' button on the upper-right hand side bringing you to 'Details' page.
    d. Press 'Pickup Location' to input 'Amherst' and press the 'done' button.
    e. Press the map function next to 'Destination' field bring you to map page
        i. Press the center of the map then the 'done' button.
    f. Change time and date by pressing on 'Sep 10, 2017 10:00 PM'
        i. Press on 'Sep 10, 2017 10:00 PM' to complete step
    g. Change 'Seats Available' by pressing on '1' next to it
        i. Press 4 on keypad and then 'done' button
    h. Change 'Price per Seat' by pressing on '$0.00'
        i. Press keyboard once to set price to '$10.00' and 'done' button to complete task.
    i. Press 'post' button making notification appear.
    j. Press 'ok' on notification bring you to 'Offer' page
    k. Press search button (magnifying glass) making search function appear.
    l. Press keyboard once to search for posts offering rides to Boston
    m. Press on 'To Boston' suggestion showing you posts going to Boston.

Work Break Down

Michelle Ko
- Helped develop prototype
- Worked on report

Foroogh Hajiseyedjavadi
- Helped develop prototype
- Worked on report

Cici Chen
- Helped develop prototype
- Worked on report

Jaeseong Lee
- Helped develop prototype
- Worked on report