CS325 Project 4.4

Storyboards

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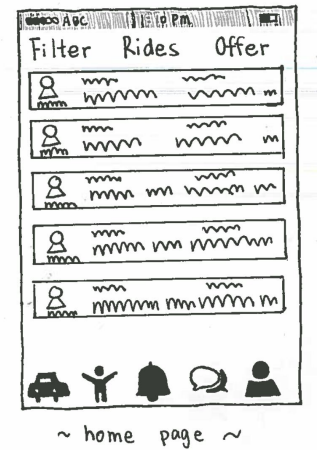
Introduction

Our project is a rideshare app for students of the 5 colleges. In order to gauge the general usability of our system, we chose three representative tasks with varying difficulty for test subjects to accomplish. The easy task is communicating with another rider or driver through in-app messaging and calling. The medium task is creating a user profile. Lastly, the difficult task is searching for posts and making them. For this portion of the project, our group put together a storyboard to showcase these representative tasks in our proposed system to present for class feedback.

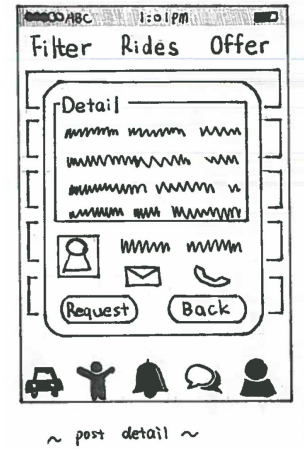
Representative Tasks

Easy Task - Communication

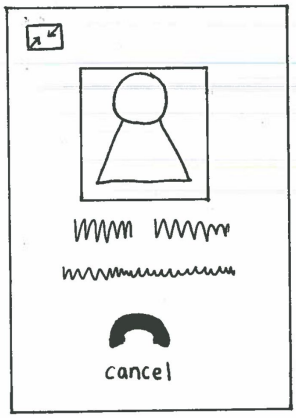
The easiest task will ask a user to test the communication feature. In order to finish this, a user needs to switch around five different views inside of the application. There are several different ways that users can access to communication page. When users click one ride post, the system will show some details about the post including two buttons that allows to send a message and call the post owner; when users click the communication icon, the system will show the past message history and allows the user to open message chat to resume message or call. In this scenario, the user sees a ride offer post and want to communicate with the driver with more travel details.



The home page of our application is divided into three parts. The top bar, post list, bottom icons. The top bar contains three buttons which allow users to use the filter to check post based on the user's character. The post list shows clickable post made before. The bottom icons allow user to switch between application features.

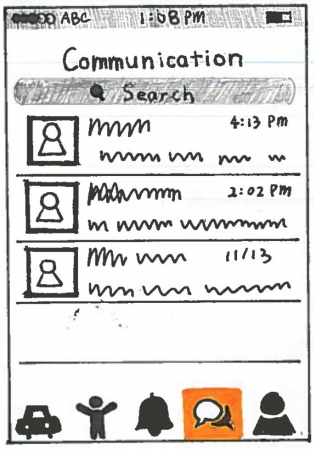


When a user clicks a post on home page, the system will show the post detail which allows the user to send a message or call the post owner.



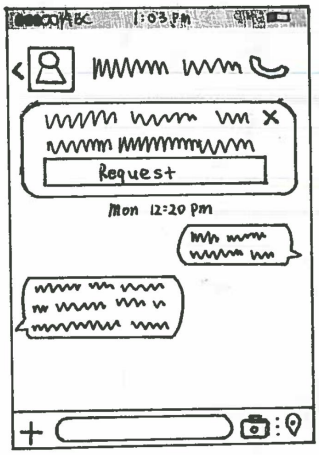
~ in-app calling page ~

Every time when a user clicks the phone icon, the system will lead the user to the in-app calling page which will show user's profile picture, name and calling status. It is important to note that our application will not show user's phone number due to privacy reason.



~ Past message history ~

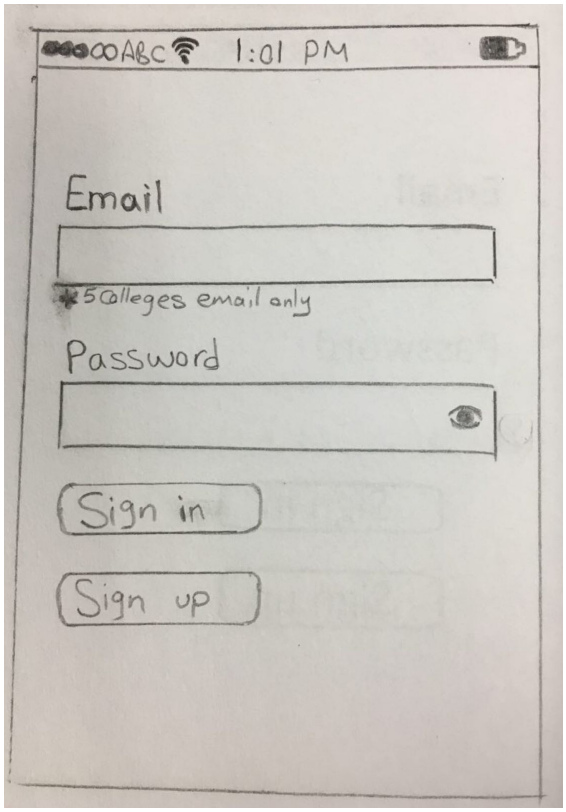
The communication page provides the list of past chats and also allows users to search through them.



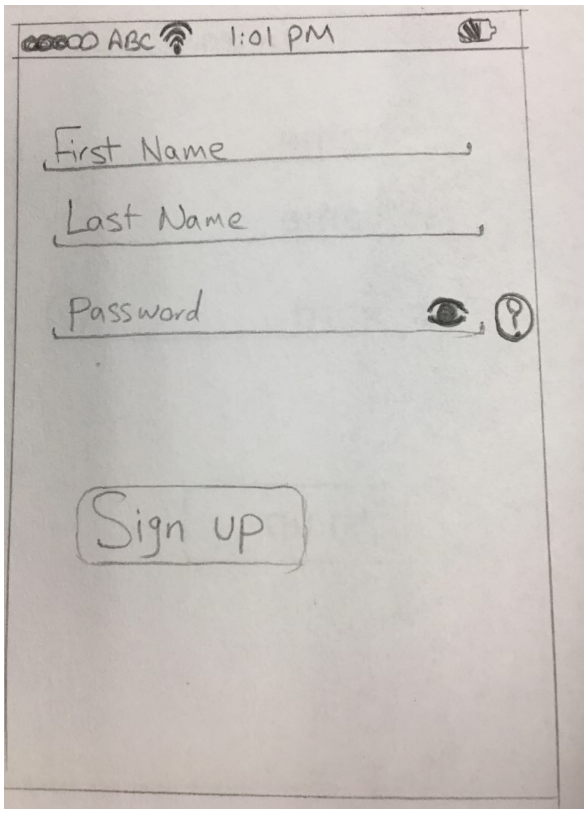
~ in-app message page ~

Every time when a user clicks the message icon, the system will lead the user to the in-app message page which will show the chat history and also allows to make a call from the page. The back button on the upper left leads to the past message history page.

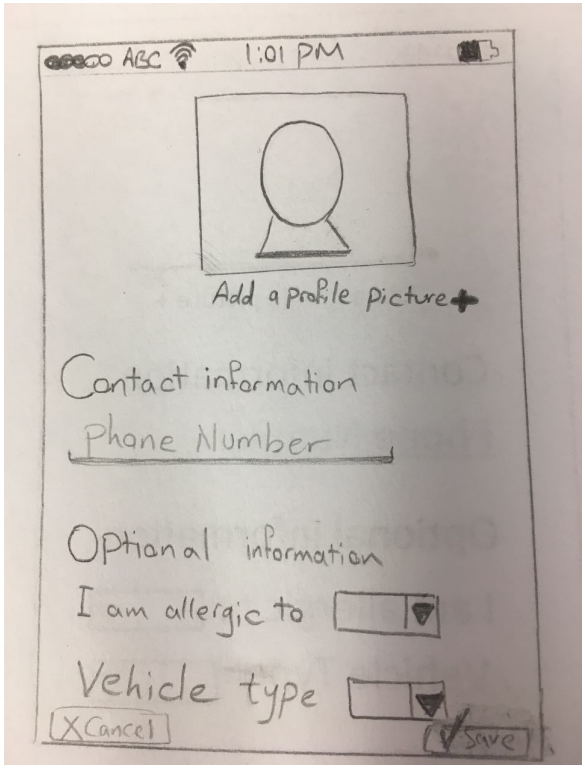
Medium Task - Making User Profile



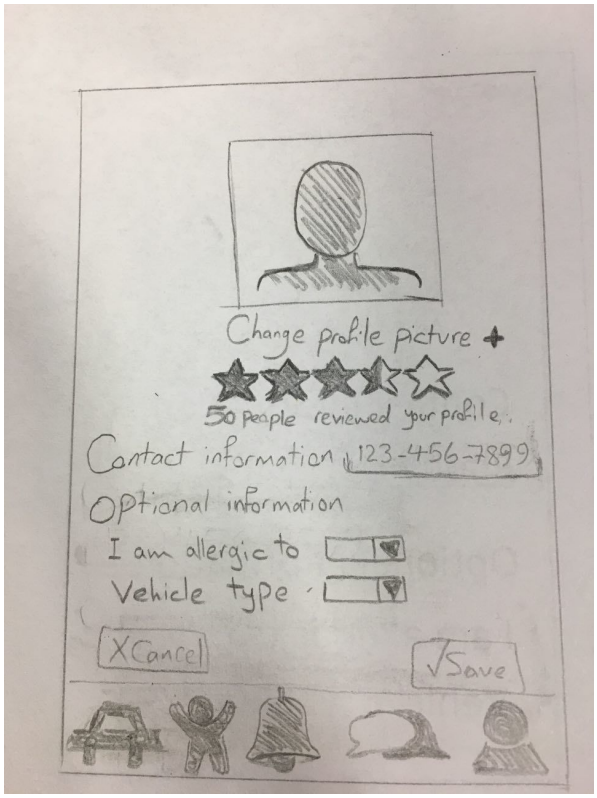
This page asks for sign-in information to sign up for the application.
The email bar only accepts 5 colleges email address.



This is a representation of the sign-up page. When a first time user presses the sign-up button on the first page, he/she will be led to this page to input the full name and preferred password.



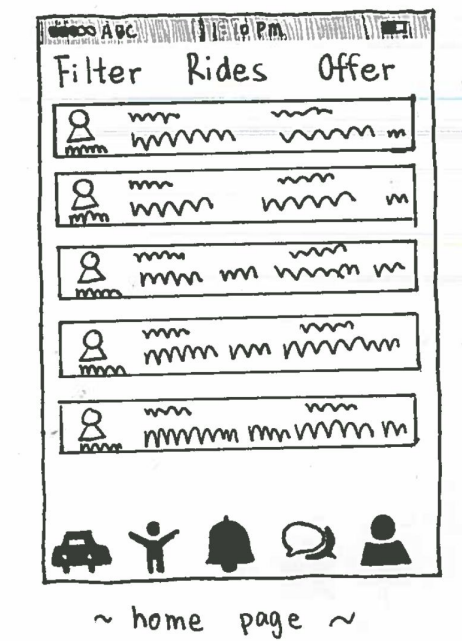
After inputting the basic information in the previous page, the sign-up is complete and the user is brought to the profile page to add more (optional) information and, if prefered, to add a profile picture.



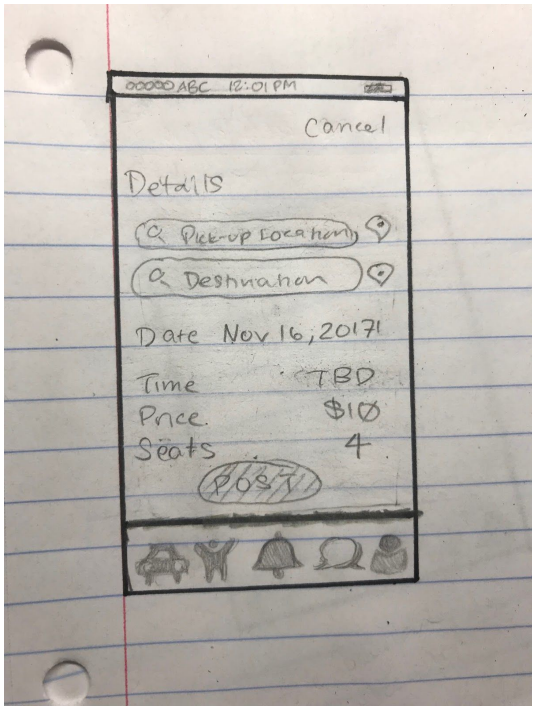
This is a representation of a user profile. The user can see his/her profile picture as well as their driver ranking (if they offer rides), and the information he/she provided earlier. The information is editable.
The user will also see how many people ranked his/her profile.

Difficult Task - Searching for Posts and Making Them

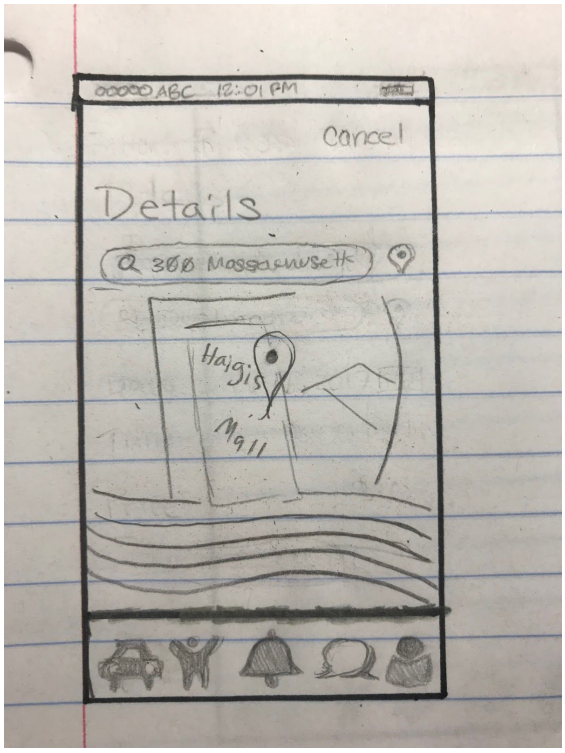
Posting an offer



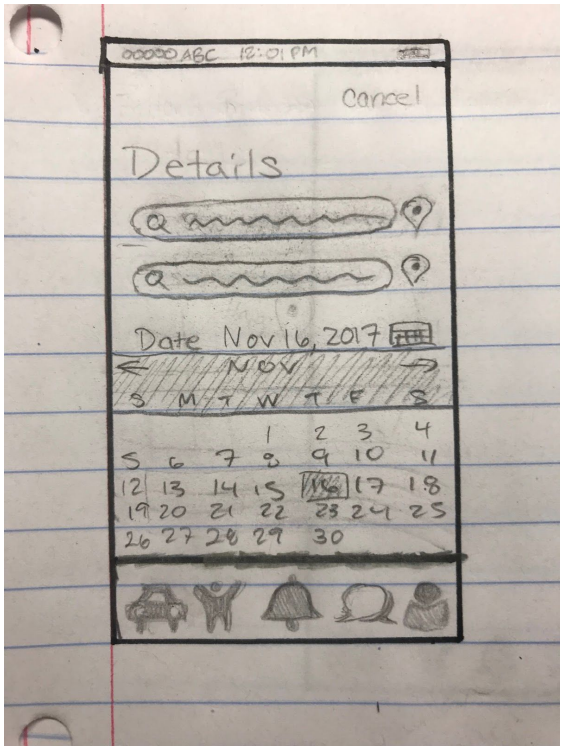
(fig 1)
The user will start from the homepage. To make an offer for a ride, users will push the offer button (represented by a car) below in order to start the process of making a post. They will taken to a page that will show entries of ride offers and on the top right corner is a text button, “post” which the user will press to start the post making process for ride offers.



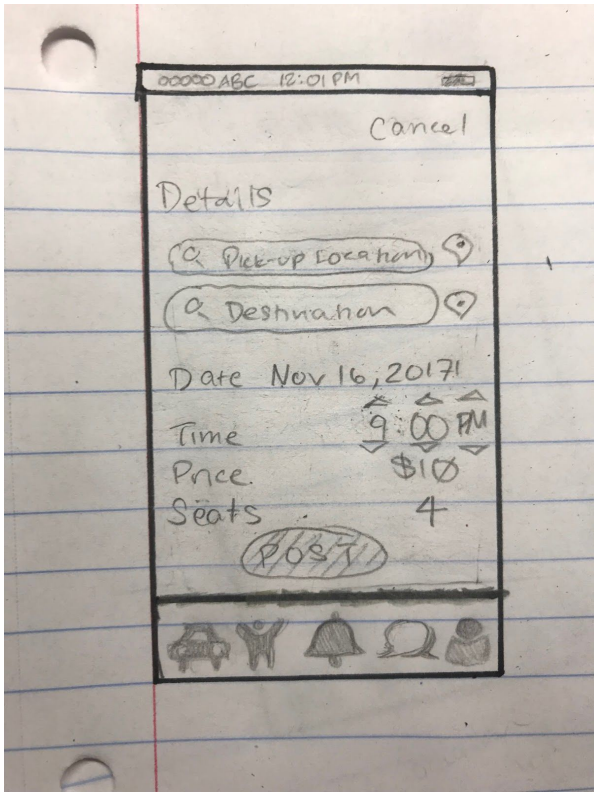
(fig 2)
The user will be taken to a page where they will input relevant information (pick-up location, destination location, departure date, departure time, trip price, and numbers of seats open) to include in their post.



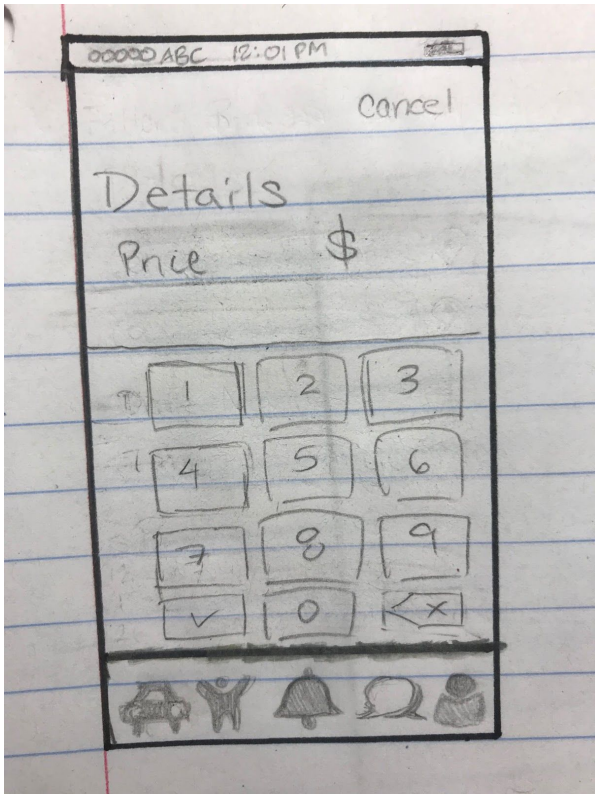
Users can manually enter the address for pickup and destination location and a map will appear below to pinpoint the chosen location. Or the user can press on the icon next to input boxes which will open up the map so users can choose where on the map they want to depart from or go to. To leave the map, users need to press the map icon bringing them back to page depicted in fig 2.



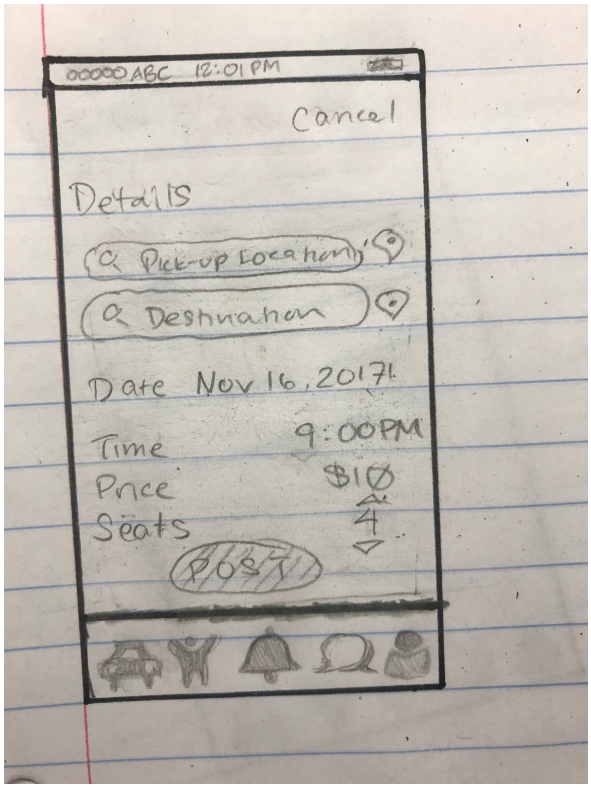
The user can set the departure date of the trip by pressing on the icon next to the date (which will be defaulted to “today’s” date). A calendar will open up so you can manually pick a date. You can change months (as well as year) by pressing on the arrows side by side of the current month. When you pick a day on the calendar, it will be highlighted with a square. You exit the calendar by pressing on the calendar icon bring you back to fig 2.



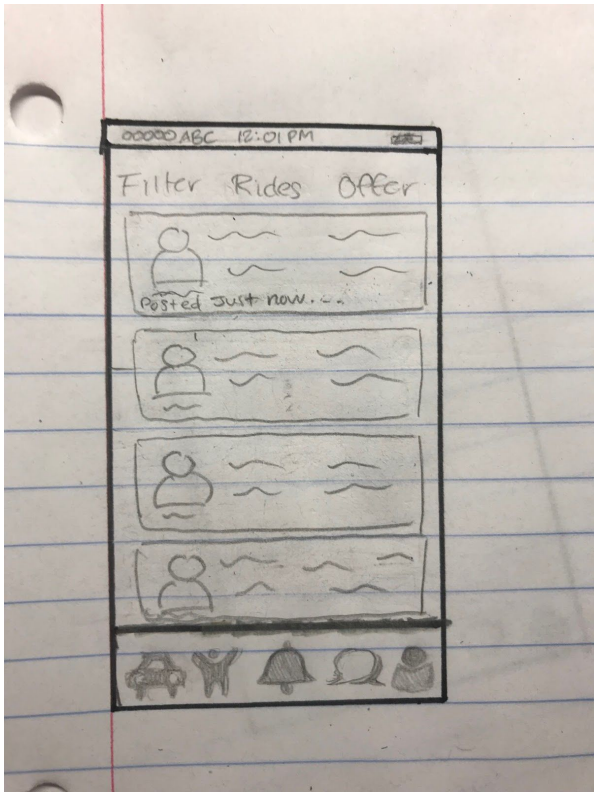
The departure time can be changed through a scrolling interaction (first, “time” must be touched to trigger and untrigger it). Scrolling upward will increase the digits while downward will decrease them. Scrolling downward will change PM to AM while scrolling upward will change it back.



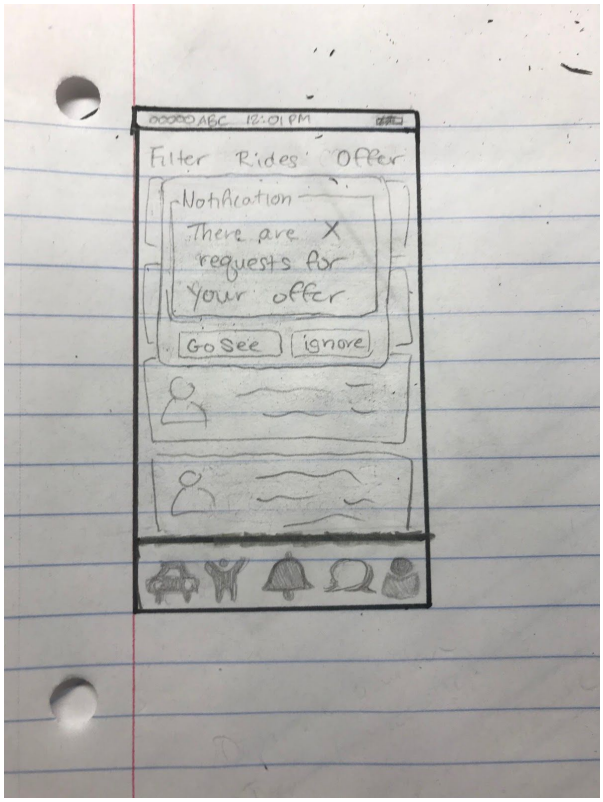
The price is changed through a keypad that is triggered when “price” is touched. To delete a digit, user have to press the arrow shaped button with an “x” on it. If satisfied with set price, pressing the button with the check mark will save it and the user will be brought back to fig 2.



The number of the seats available in the driver's car is changed with a scrolling interaction similar to setting the time (first, "seats" must be pressed to trigger and untrigger this interaction). The default number of car seats shown will be sourced from the information the user provided in their profile if they included a car (along with some information about their car like the total of seat numbers it has). The user can only change the number of seats to be less than the default number.

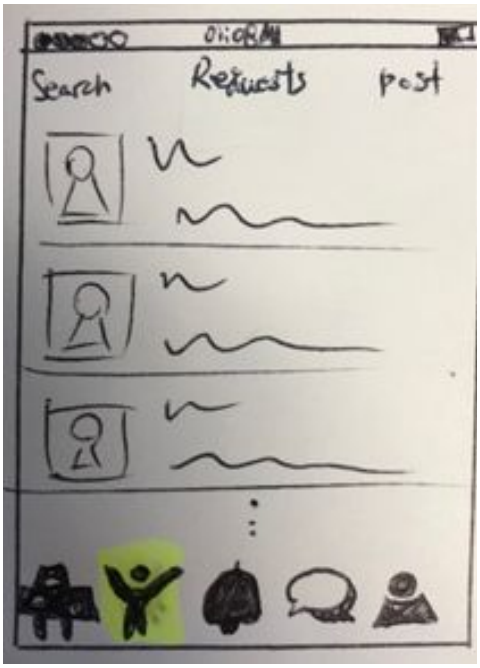


After the user provides their inputs, he or she will press the post button to post it to the app. Then the user will be brought to the page drawn in fig 1, where the first entry will be their post and underneath it will say "Posted Just Now..."

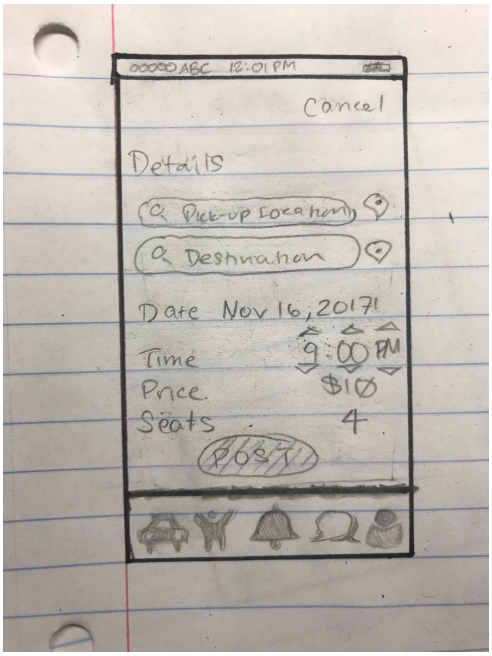


The app will immediately find matching requests to the user's offer after it is posted. A notification will immediately pop up after posting an offer that will let the user know the number of matching requests and will give the user the option of ignoring this notification or to go see the entries. Pressing "Go See" will bring users to a page the entries of the matching requests.

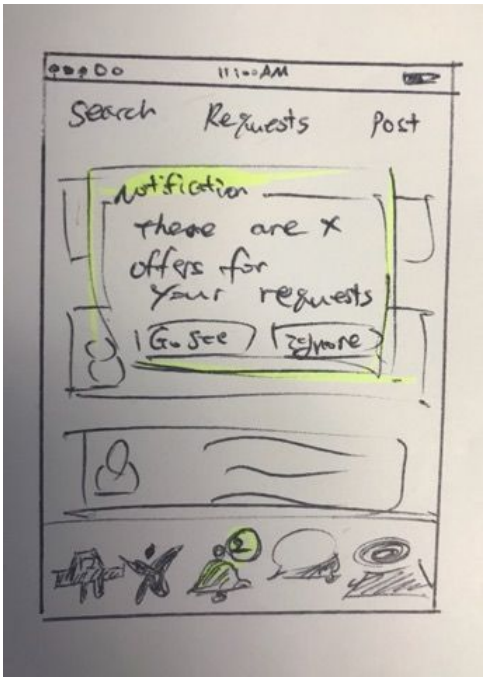
Searching for posts & Posting a request



(fig 1)
The user can access a request page when he/she select request icon at the bottom. To make a request for a ride, users will push the highlighted button/text in order to start the process of making a post.



(fig 2)
Pickup / destination location, departure date, departure time, trip price, and numbers of seats open information are required to post a request.



(fig 3)
After the user completes posting and if the app found matching requests, the user will get notified by displaying the number of postings matched in the notification session at the bottom and window pops up for details. it will give the user the option of ignoring this notification or to go see the entries. Pressing “Go See” will bring users to a page the entries of the matching requests.