

# Team Richards

## UService

<https://github.com/kali044/UService-.git>

Team Members:

Team Member Names	Github Usernames
Weihai Chen	weihaichen
Brandon Lam	brandonnlam
Ka Yu Li	kali044
Tuck Soon Liew	timmliew
Xinyong Qiu	mahenryqiu
Jeff Zhao	jzhao1223

**Overview:** Our website, UService, helps students on the UMass Campus exchange services and goods become easier and more accessible. The services are tailored toward college students, including the services of tutoring, textbook trading, carpooling, and meeting up for an activity. Users can create requests and offers with the essential information and the other users can contact the creator if they are interested in the listing. The difference between the last submission and this was that the navigation bar was changed slightly and the modal was removed in favor of a separate html page to handle authentication functionality.

**Design Overview:** For our login and logout functionality you can continually go in and out as a user and access your personalized data. Once you are logged in you are able to see all the requests and all the offers that you have made, create requests and offers, and modify your existing requests and offers. For our form functionality you can create your request or your offer, and once that is created you are able to go in and modify any part of your request or offer by filling in their respective forms. For example, you could create a carpool request, and if you wanted to change the title or the destination, you could go in and modify each of these.

**Problems/Successes:** Other than few roadblocks this project was successful overall. When we were trying to implement the form functionality, we were stuck on how to obtain the primary key of the requests and offers to edit the details. Once we figured out how to do that, we were able to quickly finish the form implementation. Another problem we encountered was that when for each type of service there are different fields to the users to input, so we decided to create different views for the template. A success of teamwork is that the people who worked on interaction form were able to figure out how to implement only the users who created the request/offer are able to modify after we discussed with the people who worked on authentication.

**Team Choice:** For our Team Choice we have decided to implement texting and email as a way to reset a user's password and provide notifications for users to remind their requests and offers.

## Individual Writeups:

Jeff Zhao: I did roughly 17% of the work. Most of the work I participated in was in Part 2. My focus was on providing templates for the views to be displayed on. I added some more template .html files where it was necessary. I filled out the methods in forms.py and worked in views.py, models.py, and urls.py. Initially, I was having trouble working with the URL references, but Marcus (Ka Yu Li) helped figure out my problems. I also assisted in working with forms to allow users to create requests and offers. I focused mainly on creating requests.

Ka Yu Li: I did about 16.5% of the work. I worked on interaction with forms and the write up. I spent most of the time on some of the templates and urls related to the forms. I also made some changes to the models, so we are able to obtain the primary keys from each instance in the models for users to edit the information. Lastly, I helped the team implementing view.py and debugging .

Tuck Soon Liew: I did about 16.5% of the work in project 3. I mainly focused on part 1 of the project. I did the login, logout and authorization for the project. I also integrated the profile into the user from database instead of integrating the profile into the user that we created in models.py with assistance from Xinyong. We shared our solutions to each other's questions verbally and collaborated to fix some bugs that all of us made in the project.

Xinyong Qiu: I did about 17% of the work. I mainly worked on the list for showing all request/offer that belong to each user with authorization. We work together to convert the user model we created to the default user mode that django provided. I also did a little bit contribution on css of template login and the createview class of creating request/offer.

Weihai Chen: We divided the work evenly so I did about 16.5% of the work. The original user model we created was not authenticated, and our profile was built on that user model. So I was trying to fix the issue but got stuck. Thankfully, Xinyong and Tuck were able to figure it out. Then I worked on the permission of users, that users can not modify the offer/request unless they are the one who create the offer/request. And we also fixed some bugs together.

Brandon Lam: I did about 16.5% of the work. I added the class functions in views.py for activities, carpool, tutor, and activities. I added to urls.py, models.py, and the html pages to get form authentication to work. I also helped to link all the pages together, and specifically worked on the offers part. I also worked on the css. Together we collaborated a lot and helped to fix bugs, especially within views.