Team Richards
UService
https://github.com/kali044/UService-.git

Team Members:

Team Member Names	Github Usernames
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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 informations and the other users can contact the creator if they are interested before it ends. Since we were able to implement all of our ideas from Project 1, we didn't make any changes from the Project 1 proposal.

Design Overviews: Our data model starts with a user which contains their username, password, and email. This has a one-to-one relationship to their profile, which contains all their public information, and includes their name, email, rating, and review. After their profile is created, there is a one-to-many relationship between a profile and each of the goods or services offered, which are Carpool, Activities, Textbook Trading, and Tutor. Each of these things contain relevant information tailored to their type, such as title, cost, description and whether it is a request or an offer. Our URL routes are used to lead each page into each other, such making it so that creating an offer takes you to the page that allows you to view this offer. The navbar contains most of these url paths, making it easy to traverse through the pages. Our html is the same, but instead of hardcoded data we've populated the database with mock data and applied it to the pages, giving us a dynamic website. For example, we made a person who had a carpool offer, and traversing through the site one can view their offer from a scroll-down page and click it to view the specifics of it.

Problems/Successes: Overall this project is a success as our group didn't encounter too many groundbreaking problems. We were able to meet together in the library twice over the weekend and work on the same parts of the project and troubleshoot together, such as with models.py and with applying our html and css from Project 1. Another thing that worked very well was telling other group members in a group chat when significant changes were made. Looking at git commits is helpful, because this way we know what another team member has done and what more needs to be done, whether there are any problems with a current file or if it's time to move on. As we are not proficient with Git, we encountered numerous obstacles when working on this project. One of the most frustrating problems we encountered while working on this project was that sometimes as we were pulling, we would get merge conflicts with the pycache folder in the directory. We could not find a way to fix these conflicts, as we were not able to see the changes. The easiest way to resolve this problem was to delete the pycache folder and pull after that, but there were many times the whole github directory had to be cloned and redownloaded.

Individual Writeups:

Jeff Zhao: I did roughly 16.5% of work. I created the Carpool model in models.py, helped edit bugs within models.py, and modified the User and Profile model so that Profile took information from User (before User and Profile were disconnected). Additionally, I converted base_generic.html, home.html, edit.html, about.html, and about.html into template files (others finalized some of the changes). Lastly, I edited the template files so that the page titles matched the current page.

Ka Yu Li: I did about 17% of the work, I created the the data model diagram in Google Slides. Then I created the model for Tutor service in Model.py and register the Tutor model in the admin.py. I helped to configure some of the template files, like base_generic.html, addOffer.html, and addRequest.html. Also, I setup the view functions and populate the home and profile template. Lastly, I generated some of the data in the database.

Tuck Soon Liew: I did about 16.5% of the work in project 2. I worked on part 0 of the project, which is setting up Django application. I continued to worked on some of part 1 of the project, which consists of creating the superuser account. I also created the Profile and User model in models.py initially. Besides, I made the home.html work by linking the url correctly in the beginning. Apart from that, I collaborated with other group mates 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 Url mapping and Views. Firstly, I created rough Url mapping to all templates and basic functions in View.py, which were modified later. Secondly, I rewrited View(class-based) to list all the data of different models on the search offer/request.html. Finally, I also fixed the css conflict problems for all the templates after I understood the block structure in templates.

Weihai Chen: We divided the work evenly so I did about 16.5% of the work. I created the data model for Textbook_trading and register the model in admin.py. Then I created four different detailview classes in views.py, urls mappings in urls.py and displaytemplates in the template folder corresponding to our four(activity, textbook, carpool and tutor) different data mode. Finally, I linked my works with the list generate in search offer/request and fixed few small errors in other templates.

Brandon Lam: I did about 16.5% of the work. I created the Activities model in models.py and also applied it to admin.py I also changed html files and css files such as edit.html to apply correctly to the website, and changed some code to make it look like it did in project 1. I worked with the team to fix a lot of errors that popped up, since some of our code was different than the tutorial. I also did a lot of the team writeup.