'Rendezvous' Team Write Up for Project 3
Team: Etc Etc Etc

Overview
Our web application, Rendezvous, offers the service for users to create and join projects given their individual skillsets. In Term Project 3, users are linked to their particular profile page. Specific users now have the permission to edit their *own* individual profile page and their *own* project pages. We have also made is so that only a *logged in* users can create new projects (or even view that button, for that matter). Overall, we have now implemented login/logout functionality, made it so that logged in users can create, modify and edit data in our application, and given them specific permissions that logged out users do not have. Lastly, an administrator group has been created so that the users in the administrator group are given permission to edit *all* profiles or projects. This group would be intended for the people who manage and run the website, so that they have complete edit control over all profiles and projects, should they need it.

Team Members: Leonardo Costa, Samantha Cote, Matthew Kelley, Robin Wu, Ibiyemisi Gbenebor

Github Repository: https://github.com/LOCosta/CS326-Etc-Etc-Etc

Design Overview
We have added a login/logout feature to our navbar. Once logged in, the user can view their own profile from the navbar and can now see a 'Create New Project' button (presented as a '+' sign) and a 'Logout' button on the navbar, which are not visible to users who are not logged in. So, logged in users can now directly create data, via the 'Create New Project' button. Logged in users also now have the ability to edit their own profile page and their projects. When a logged-in user is viewing their profile page, they can see an 'EDIT Profile' button at the bottom of the page. They can only see this button if they are logged in and viewing their OWN profile. Anyone can view their profile, but only the user to whom the profile belongs has the ability to edit it. The same goes for their projects. The EDIT button is only visible if they are logged in and viewing their OWN projects.

Problems/Successes
Minor communication issues due to the Thanksgiving break, but upon returning from the break, four of us met up and got everything done, and we worked incredibly well as a team make our project ready for submission. We were able to bounce ideas off of each other and work well with each other to complete the implementation successfully.

Team Choice
For the team choice component, we want to implement an advanced search feature for our website, that allows users to search for different project based on user-specified criteria (restrict to certain tags, look for certain words in the name/description, etc.).

Individual Writeups

Leonardo Costa:
I was responsible for implementing the authentication and login functionality for the website. This required linking our User model class (now renamed to Profile) to Django's built in login via a one-to-one relation in order to get it to work as our group desired. Additionally, I implemented the form that allows users to create new projects without use of the admin site. I also made minor changes to the css/templates in order to improve some text visibility.
Percentage contributed: 40%

Sam Cote:
I was responsible for making it so that a user can edit their own *profile*. I created a ProfileUpdate form, a new URL, and updated views.py, such that a logged in user can update their own profile page. This also required edits to the profile template. I edited the profile.html template such that a logged in user can see an 'EDIT Profile' button on their own profile page. I made it so that a user can only see this button when they are logged in and viewing their own profile page, and therefore only a logged in user can edit their profile page. Percentage Contributed: 20%

Ibiyemisi Gbenebor:
Communication issues/technological issues.
Percentage Contributed: 0%

Matthew Kelley:
My portion of the project involved allowing authenticated users to edit their respective owned project information. This included creating the ProjectUpdate class that specifies project-related information to update, as well as the Project Update form which checks form information for malicious content and posts it to the database. Finally, I included a button that dynamically appears on each project page conditioned on its being viewed by the creator that redirects the user to the update form using urls specified in urls.py. Percentage Contributed: 20%

Robin Wu:
I was responsible for creating a Django group called Administrators which consists of the admins. Within the profile.html and project.html under the template folder, adjustments have been made such that the admins can edit any profiles and projects. Percentage Contributed: 20%