

Use Case Specification with Basic Flows

A User Registers to Make an Account

- Basic Flow
 1. Launch Website
 - The user types in the website URL
 2. The user Clicks on Register
 - The system displays the functionality available to the user to register for an account
 - The user clicks on the button and is brought to a new page
 3. Fill Out Information
 - The system provides text fields for the user to input based on the text fields available.
 - The user fills out all of the information required to create an account
 4. Click Submit
 - The user indicates that the registration is complete in order to have an account
 5. Login
 - After registering their account, the user is able to log in with their credentials
 - The system will take the user to the application page where they will fill out an application
- Alternative Flow
 1. If a user attempts to log in without having an account in Step 2 they will be told to register their account

A student applies for a TA position published by a CS faculty

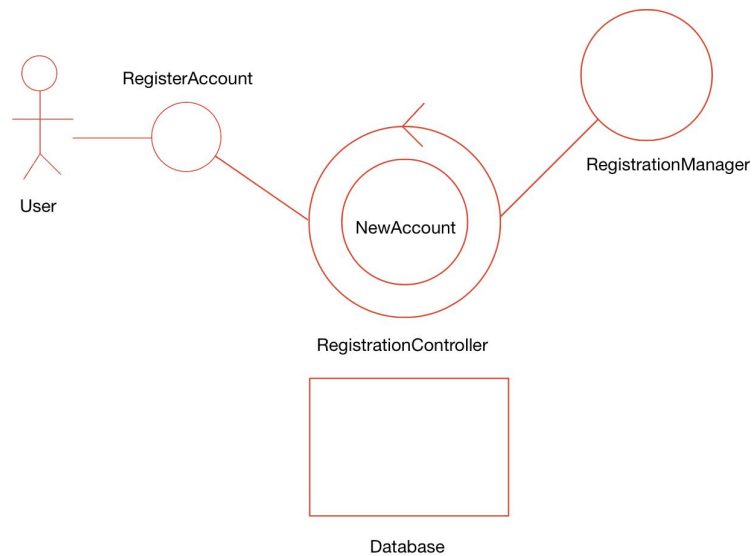
- Basic Flow
 1. Login
 - The system provides a prompt to the user to login to the website
 - The student will use their credentials to load into the website
 2. The user is brought to the Application Page
 - The system displays the functionality available to the user
 - The user will be able to view the TA Application to be filled out
 3. Select Position
 - The system retrieves a list of job postings from faculty that need a TA
 - The student will select the courses they want to TA for
 4. Apply for Job
 - The system will provide an application to be filled out by the student
 5. Submit Application
 - The student will indicate that they have completed the application
 - The system will verify there are no empty fields to be filled out by the student
 6. Display Completed Application
 - The system displays the completed application for the student to view
 - There will be an application number provided at the top of the screen
- Alternative Flow
 1. If the student's login credentials are incorrect in Step 1 they will be prompted to enter the correct credentials.

Editing Account Information

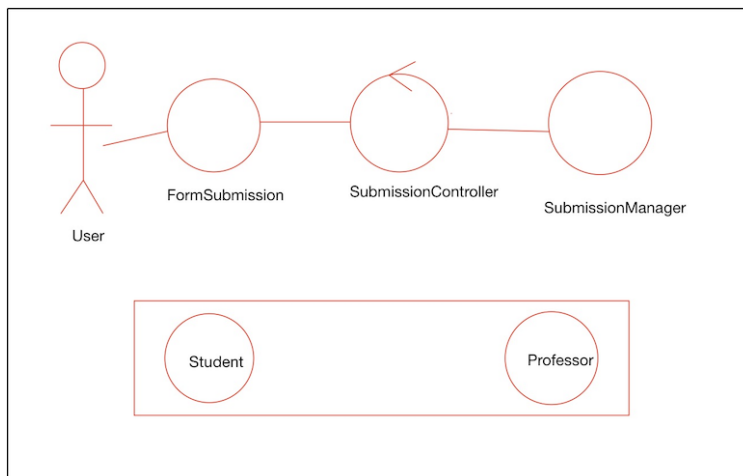
- Basic Flow
 1. Login
 - The system provides a prompt to the user to login to the website
 - The student will use their credentials to load into the website
 2. The user is brought to the homepage
 - The system displays the functionality available to the user
 - The user will be able to view the homepage of the application portal
 3. Click on Profile
 - The user will click on their profile
 - The system provides functionality to allow access to the user profile after clicking on it
 4. Click on Update
 - The user will click on an update button to change their profile information
 5. Update Information
 - The system displays text fields that the user will update with new information
 - The user fills out the new information
 6. Submit
 - The user will submit their changes for the updated information
 - The system will store the updated information and append the previous information to the user profile
- Alternative Flow
 1. If the user changes their mind about updating their information they are able to exit the profile editing via a small 'x' button in the corner of the text fields.

Analysis Classes

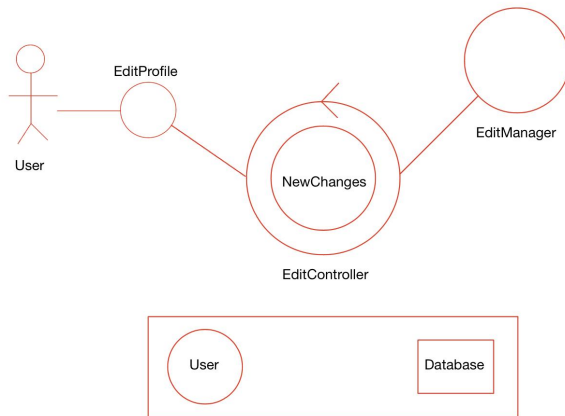
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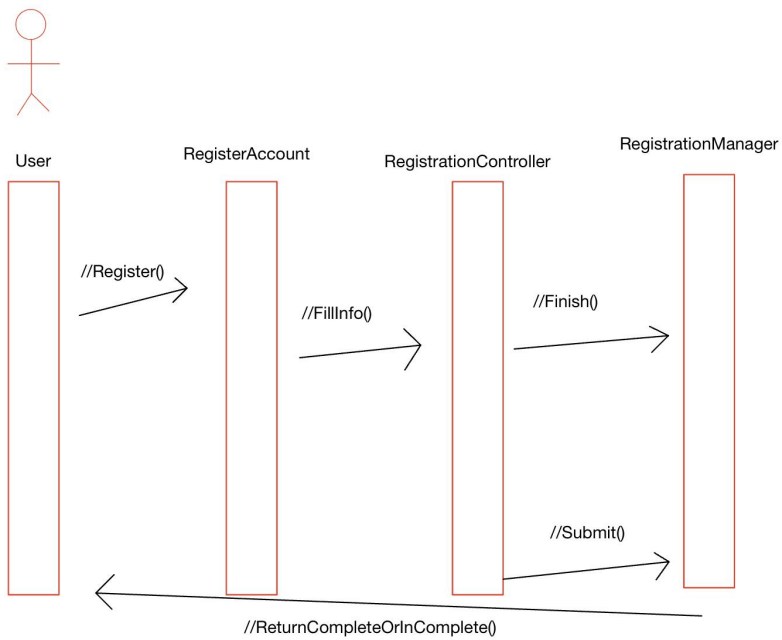


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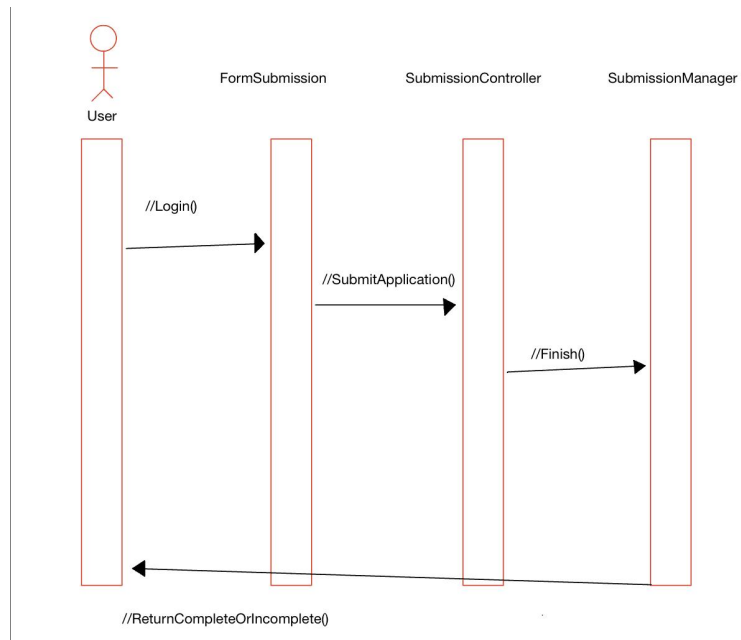


Sequence Diagrams

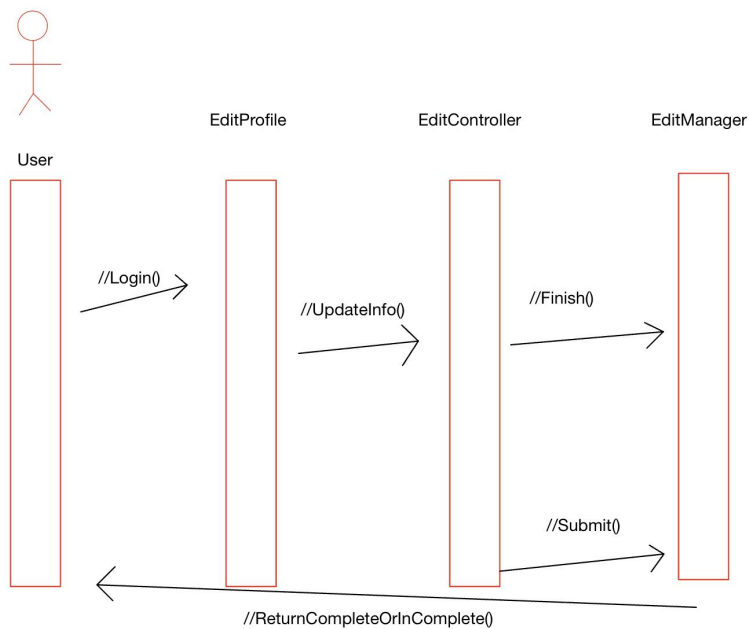
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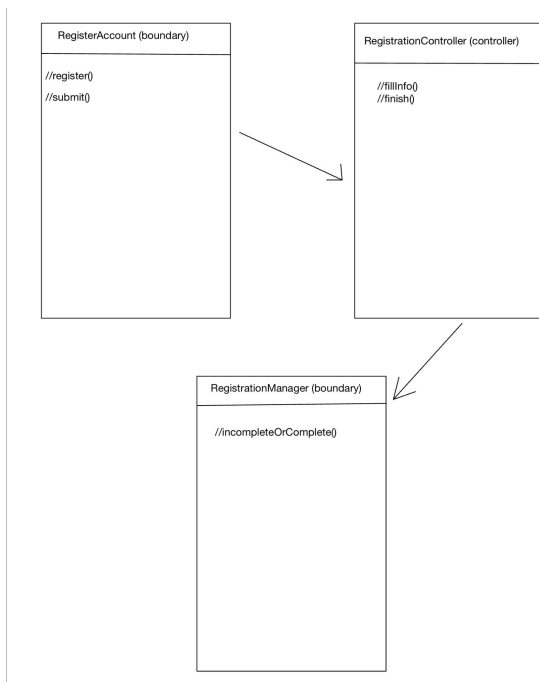


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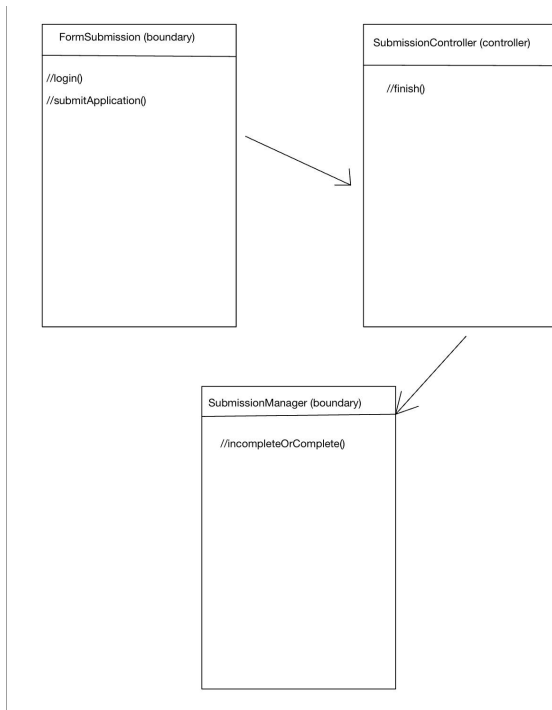


Class Diagrams

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Editing Account Information

