

Doctor Finder

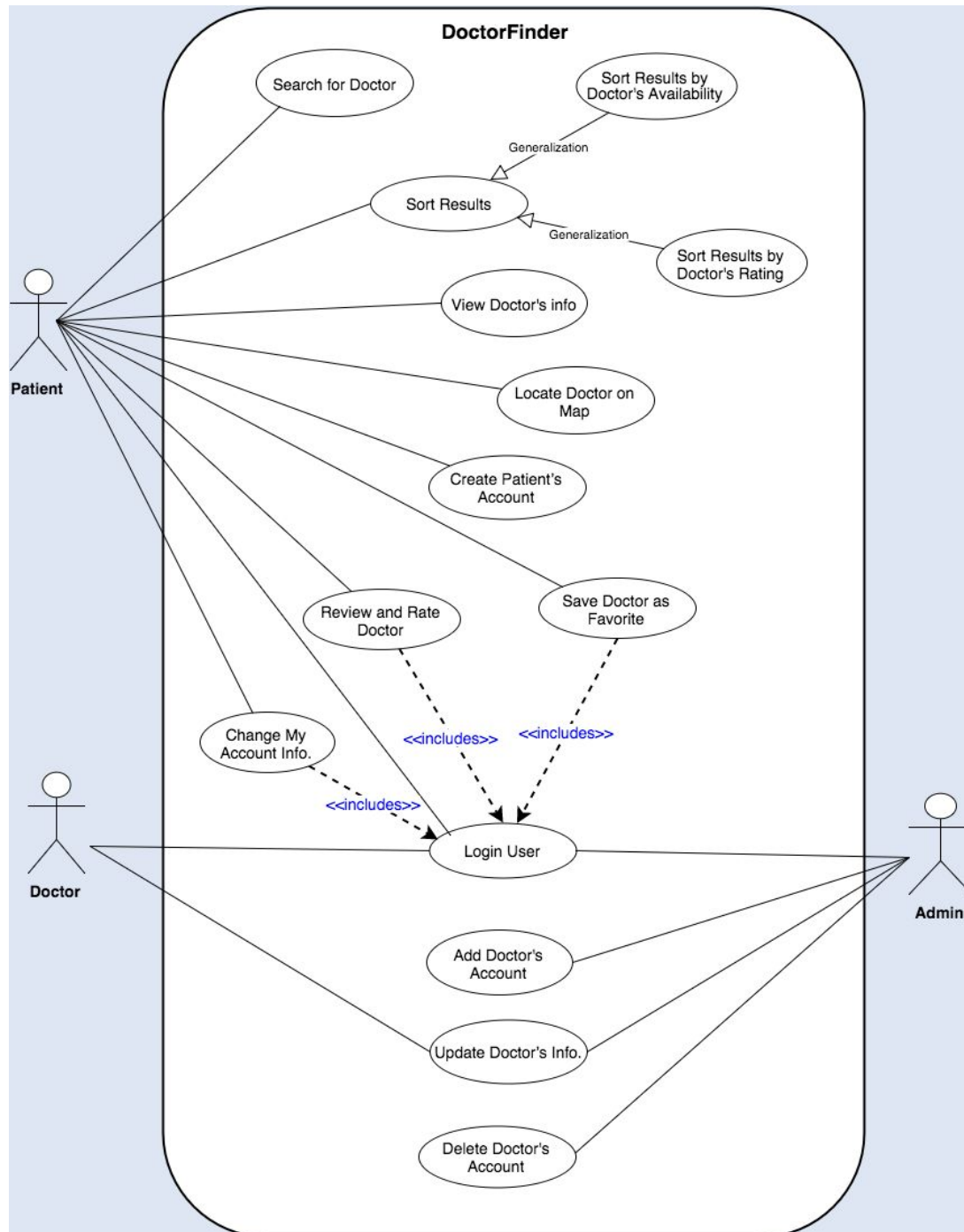
(Project Part 2)

Kaiyue An

Our system has 14 different tasks and three types of users: Patient-Doctor-Admin.

This report will be mainly focused on the “Review and Rate Doctor” use case

Use Case Diagram:



Related Use Case Document:

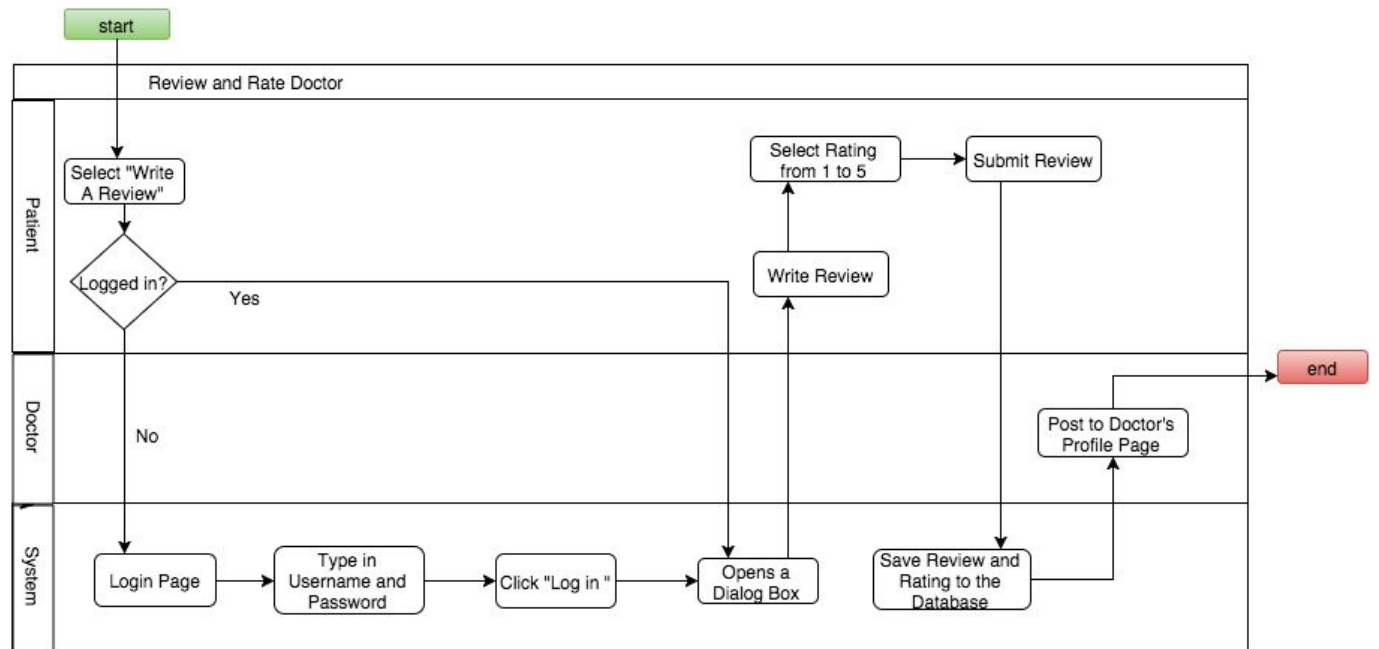
Use Case ID:	UC-13
Use Case Name:	Review and Rate Doctor
Description:	Allow patient to rate and post a review for the doctor on the doctor's profile page

Actors:	Patient		
Pre-conditions:	Patient has previously created an account, is currently logged in, and has navigated to the appropriate doctor profile page.		
Post-conditions:	Rate and review have been added to the doctor's profile page.		
Frequency of Use:	Frequently by the patient.		
Flow of Events:		Actor Action	System Response
	1	Patient selects "Write a Review" function.	DoctorFinder opens a dialog box for the patient to type in his review and provides options from 1 to 5 to select the doctor's rating.
	2	Patient types in the review.	
	3	Patient gives his rating to the doctor.	
	4	Patient selects "Submit" function.	DoctorFinder saves the review and rating and posts them to the Doctor's profile page.
Variations:			
Notes and Issues:			
Developer Notes:			

Use Case ID:	UC-01
Use Case Name:	Login User
Description:	User can log into the system using his credentials

Actors:	Admin, Doctor, Patient		
Pre-conditions:	User has his right credentials to login.		
Post-conditions:	User is logged into the system.		
Frequency of Use:	Frequently		
Flow of Events:		Actor Action	System Response
	1	User enters his username and password and enters the system.	User is directed to a user-specific page (based on his entitlements)
Variations:	If the doctor is logging in for the first time, system prompts the doctor to change his password before logging in to the system.		
Notes and Issues:	User can be any one these three: Admin, Doctor or Patient		
Developer Notes:			

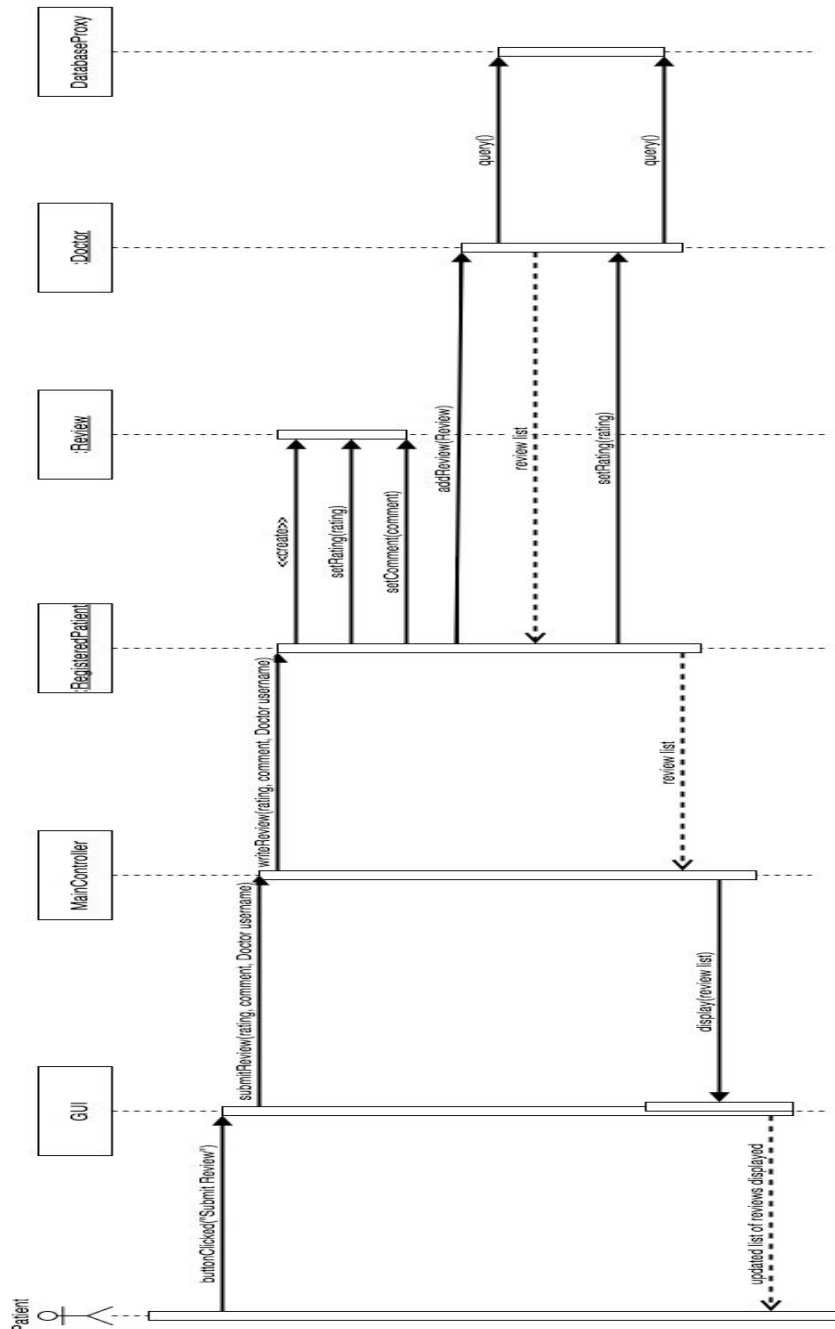
Activity Diagram:



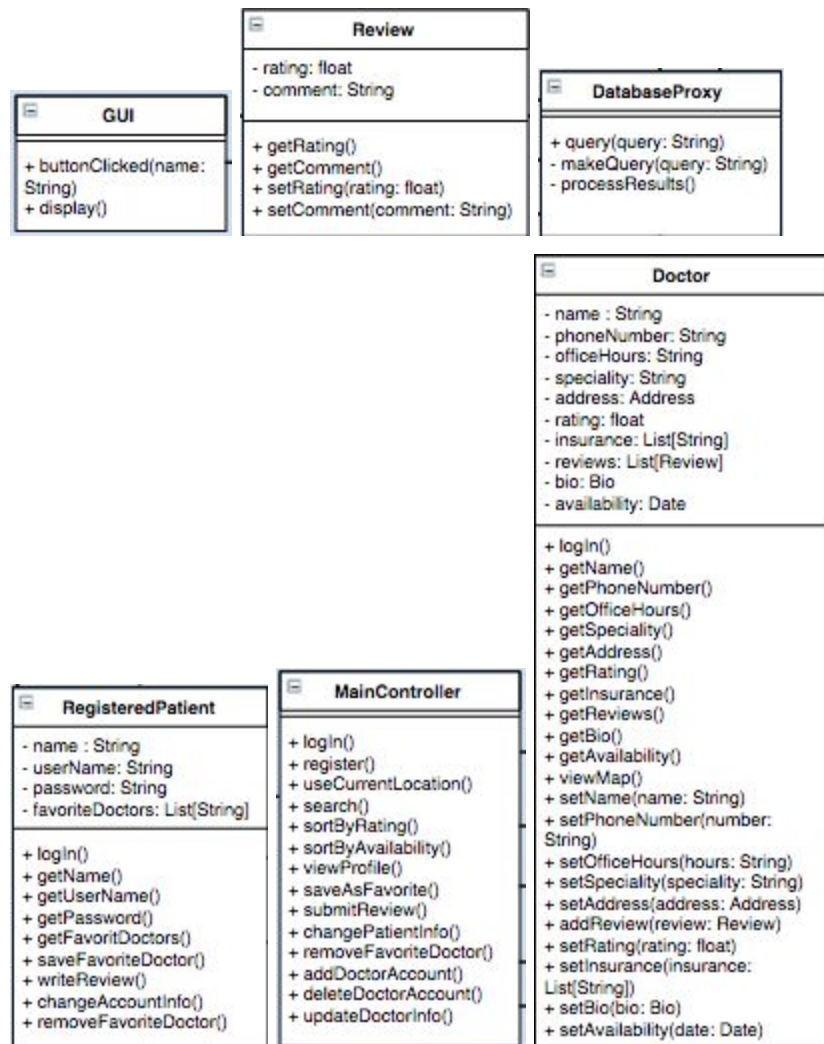
Sequence Diagram:

Review and Rate Doctor:

Once the patient has entered his review into a dialogue box and clicked the "Submit Review" button, the system will take the rating and review text he provided and update the database with a new review associated with the particular doctor the patient selects. The system will then update the doctor's average rating and add the patient's review to the list of reviews displayed on the doctor's profile page. Finally, the screen will be redrawn to reflect these new changes.



All the classes required for this use case & class diagram



Class Diagram:

