

# **CS551 Advanced Software Engineering**

## **LAB ASSIGNMENT #1**

**Submitted By:**

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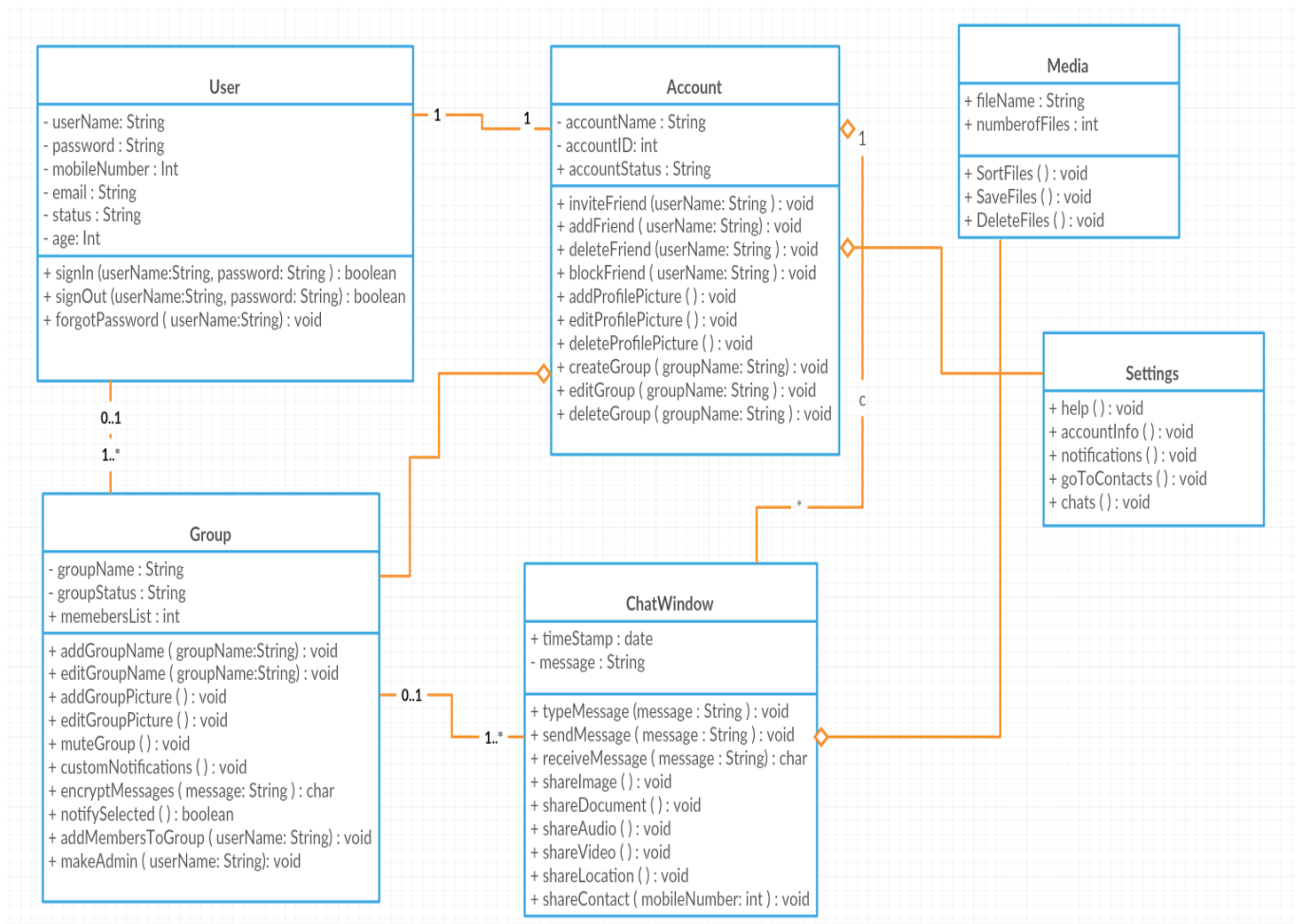
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## 1) UML Class diagram for the below scenario:

### Chat application:

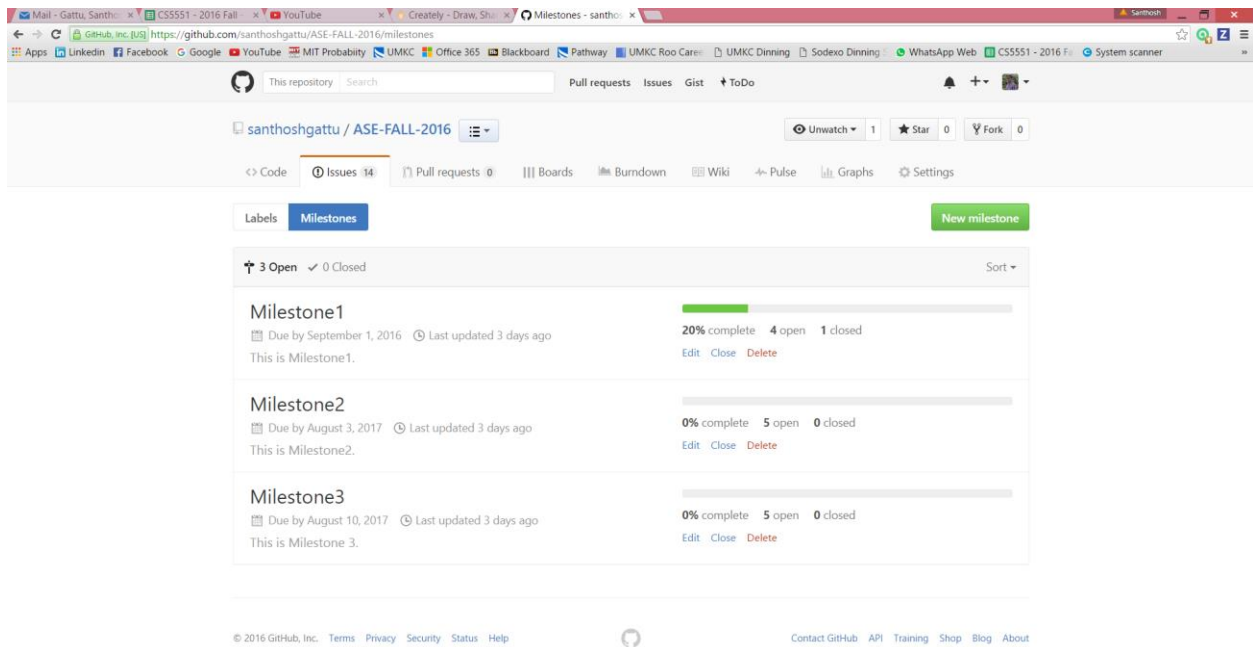
A user can create an account and add friends using their mobile number or email id. User can chat with any individual from his friends list, User can also create groups and invite his friends to join the group. In addition to that, media like images, video, location can be shared with friends and group.

I have created 6 classes with respective relations between them.

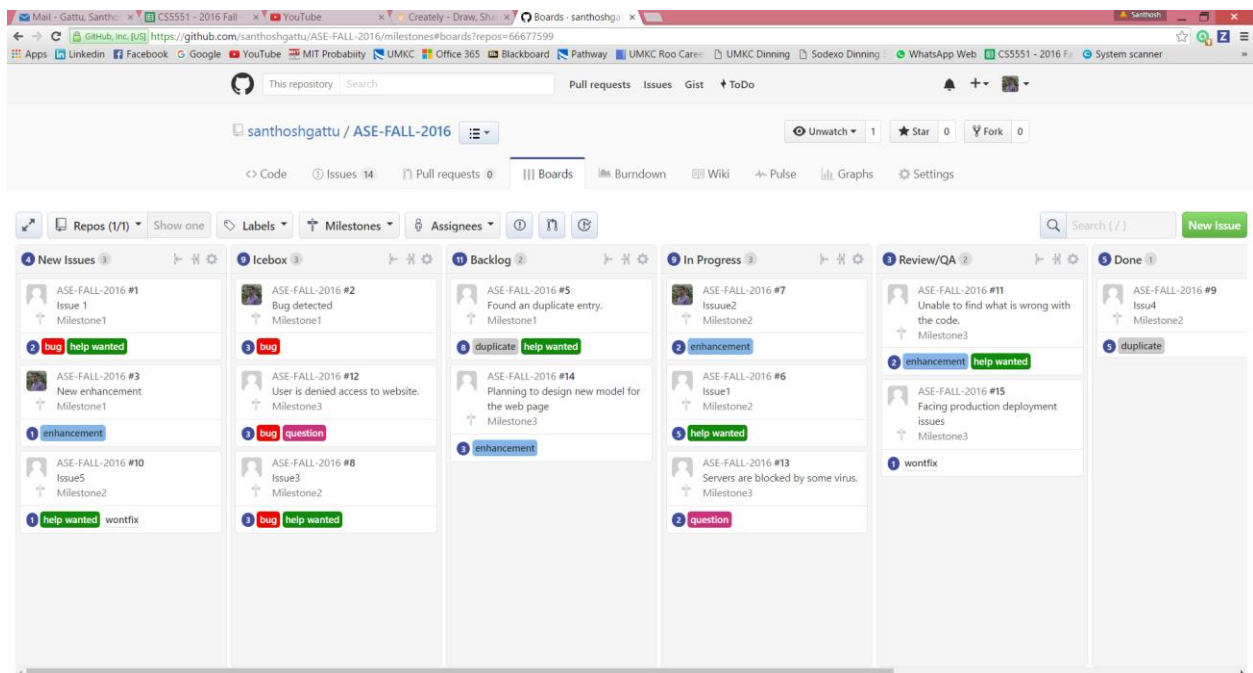


## 2) Create ZenHub Tool Account. Create a board, 3 iterations, at least 5 tasks and show the analytics graph.

I have created 3 milestones. Below is the screen shot

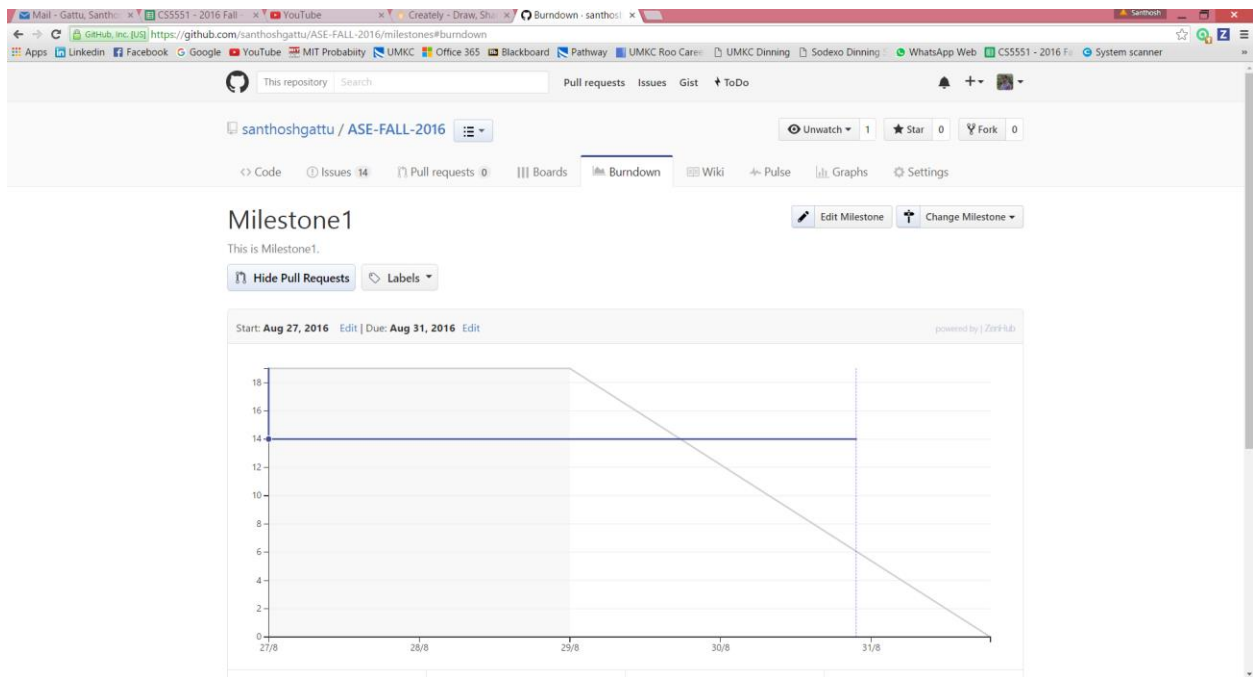


Under each milestone I have created 5 issues. Below is the screen shot of board

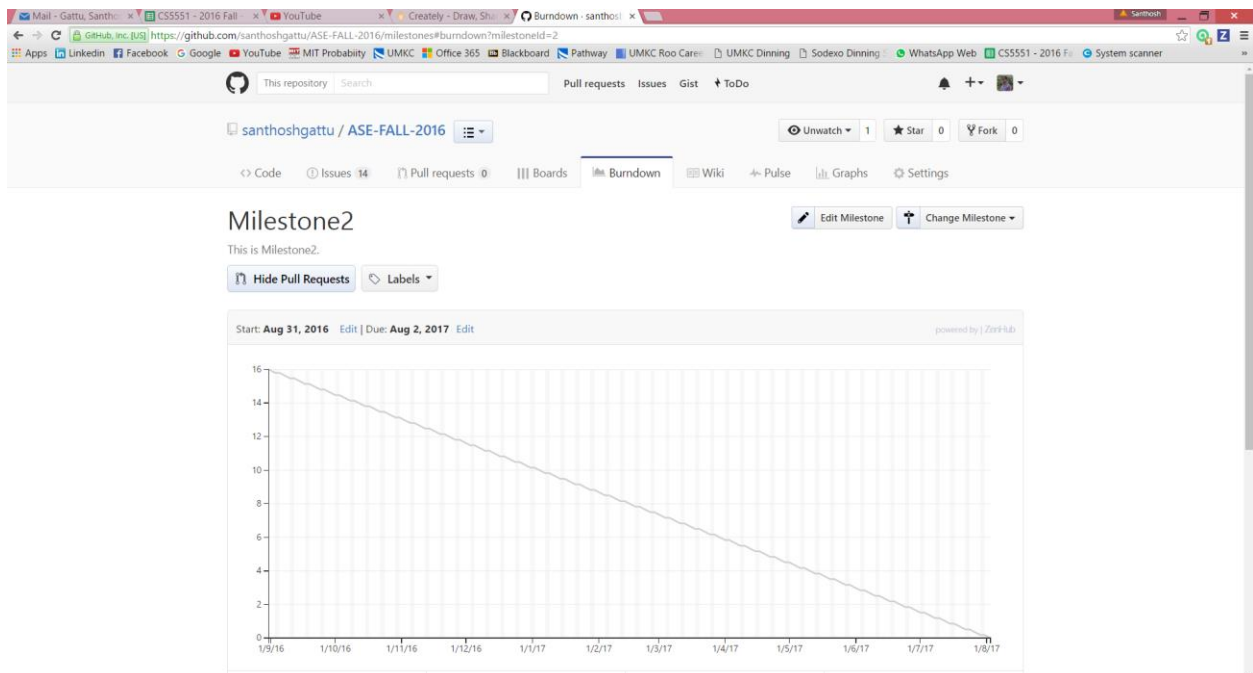


## Analytics graphs

### For Milestone 1



### Milestone 2



## Milestone 3

