

ASE LAB ASSIGNMENT – 1

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.

Class diagram for chat application

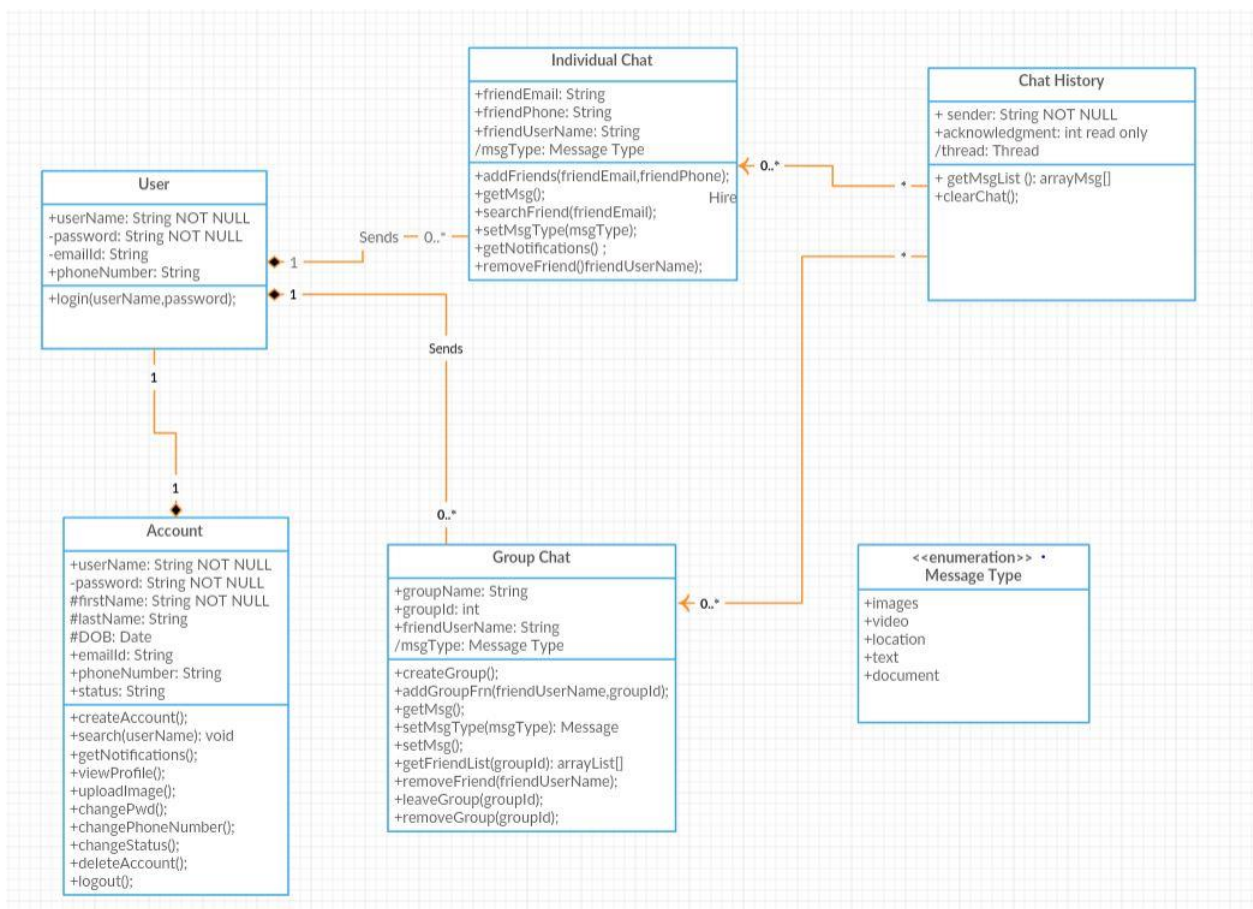
The following class diagram describes how user

1.Create and manage account

2.Add friends

3.Create groups and add friends to group

4.Sends media messages to friends



2. Using ZenHub tool create a board, 3 iterations, at least 5 tasks and show the analytics graph.

- Under ASE-Lab-Assignments repository 3 milestones are created as Iteration 1, Iteration 2 and Iteration 3.
- Each Milestone is created with Start Date and End Date.
- Under each Milestone 5 tasks are created.
- Each task is given a Story Point i.e. an estimate which is used measure the effort required to implement tasks.

Labels

Milestones

New milestone

3 Open 0 Closed

Sort

Iteration1

Due by January 27, 2017 Last updated about 17 hours ago

This milestone deals with managing accounts such as Creating Accounts.

20% complete 4 open 1 closed

Edit Close Delete

Iteration2

Due by February 4, 2017 Last updated 2 days ago

In this milestone we maintain friend lists,sending messages etc.,

20% complete 4 open 1 closed

Edit Close Delete

Iteration3

Due by February 11, 2017 Last updated 2 days ago

This milestone deals with maintaining groups and adding friends to groups.

0% complete 5 open 0 closed

Edit Close Delete

prathyu1601 / Spring-ASE-2017

Watch 0 Star 0 Fork 0

<> Code Issues 13 Pull requests 0 Boards Reports Projects 0 Wiki

Repos (1/1) Show one

Labels Milestones Assignees Epics

Search (/) New Issue +

New Issues

Spring-ASE-2017 #4 ASE Lab Assignments Iteration1

2 help wanted

Spring-ASE-2017 #5 ASE Lab Assignments Iteration1

3 question

Spring-ASE-2017 #10 Lab Assignments Iteration2

2 question

Spring-ASE-2017 #11 ASE Lab Assignments Iteration3

1 bug

Spring-ASE-2017 #12 ASE Lab Assignments Iteration3

Icebox

Spring-ASE-2017 #3 ASE Lab Assignments Iteration1

1 enhancement

Backlog

Spring-ASE-2017 #7 Lab Assignments Iteration2

2 duplicate

In Progress

Spring-ASE-2017 #2 ASE Lab Assignments Iteration1

3 duplicate

Spring-ASE-2017 #15 ASE Lab Assignments Iteration3

1 enhancement

Spring-ASE-2017 #9 Lab Assignments Iteration2

3 help wanted

Review/QA

Spring-ASE-2017 #8 Lab Assignments Iteration2

3 enhancement

Closed

Spring-ASE-2017 #1 ASE Lab Assignments Iteration1

1 bug

Spring-ASE-2017 #6 Lab Assignments Iteration2

1 bug

Load more issues...

- For each milestone burndown chart is generated which represents the work that is left verses time based on number of issues and its Story Points.

Iteration1

[Edit Milestone](#)
[Milestones](#)

This milestone deals with managing accounts such as Creating Accounts.

[Labels](#)
[Hide Pull Requests](#)
[Burn Pipelines](#)

Start: Jan 23, 2017 [Edit](#) Due: Jan 27th, 2017 [Edit](#)



14 Total Story Points

3 Completed Story Points / 11 Remaining Story Points

5 Total Issues and Pull Requests

1 Completed Issues and PRs / 4 Remaining Issues and PRs

Remaining Issues and Pull Requests

Story points

<div>ASE Lab Assignments duplicate</div> <div>Spring-ASE-2017 #2 In Progress</div>	5
<div>ASE Lab Assignments enhancement</div> <div>Spring-ASE-2017 #3 Icebox</div>	1
<div>ASE Lab Assignments help wanted</div> <div>Spring-ASE-2017 #4 New Issues</div>	2
<div>ASE Lab Assignments question</div> <div>Spring-ASE-2017 #5 New Issues</div>	3

Completed Issues and Pull Requests

Story points

<div>ASE Lab Assignments bug</div> <div>Spring-ASE-2017 #1</div>	3
---	---

Iteration2

Edit Milestone

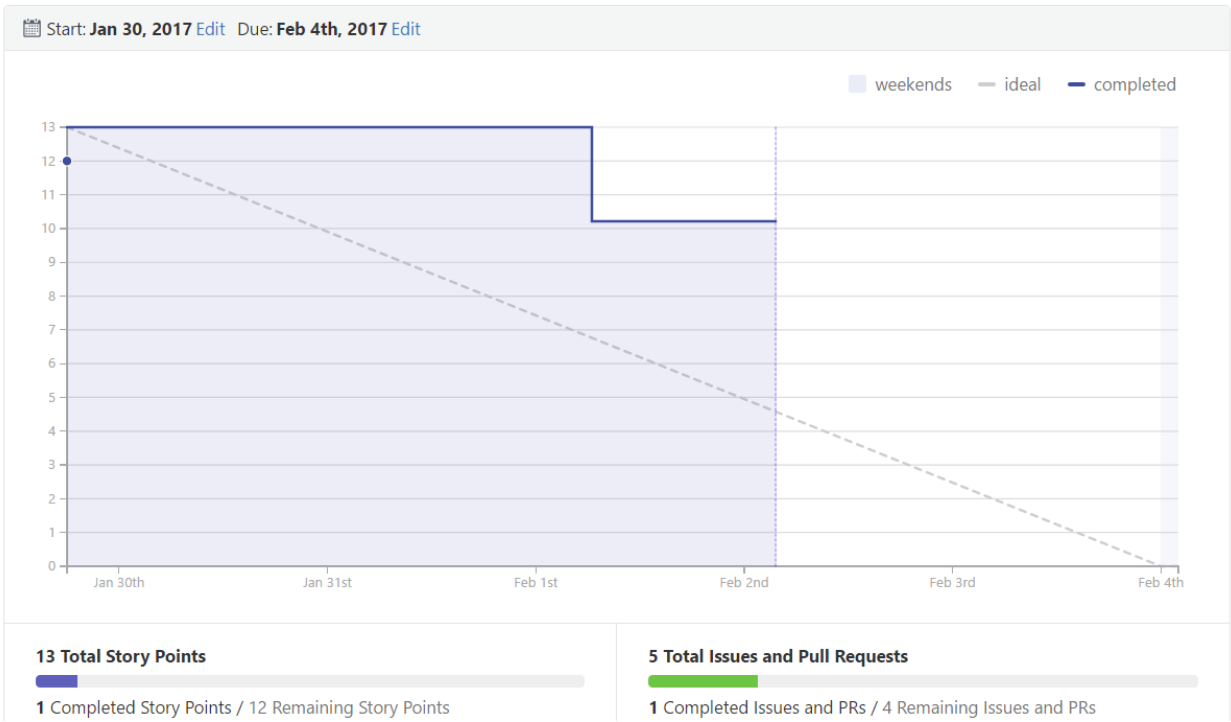
Milestones

In this milestone we maintain friend lists,sending messages etc.,

Labels

Hide Pull Requests

Burn Pipelines



Remaining Issues and Pull Requests	Story points
<div>ⓘ Lab Assignments duplicate</div> <div>Spring-ASE-2017 #7 Backlog</div>	2
<div>ⓘ Lab Assignments enhancement</div> <div>Spring-ASE-2017 #8 Review/QA</div>	3
<div>ⓘ Lab Assignments help wanted</div> <div>Spring-ASE-2017 #9 In Progress</div>	5
<div>ⓘ Lab Assignments question</div> <div>Spring-ASE-2017 #10 New Issues</div>	2

Completed Issues and Pull Requests	Story points
<div>🔒 Lab Assignments bug</div> <div>Spring-ASE-2017 #6</div>	1

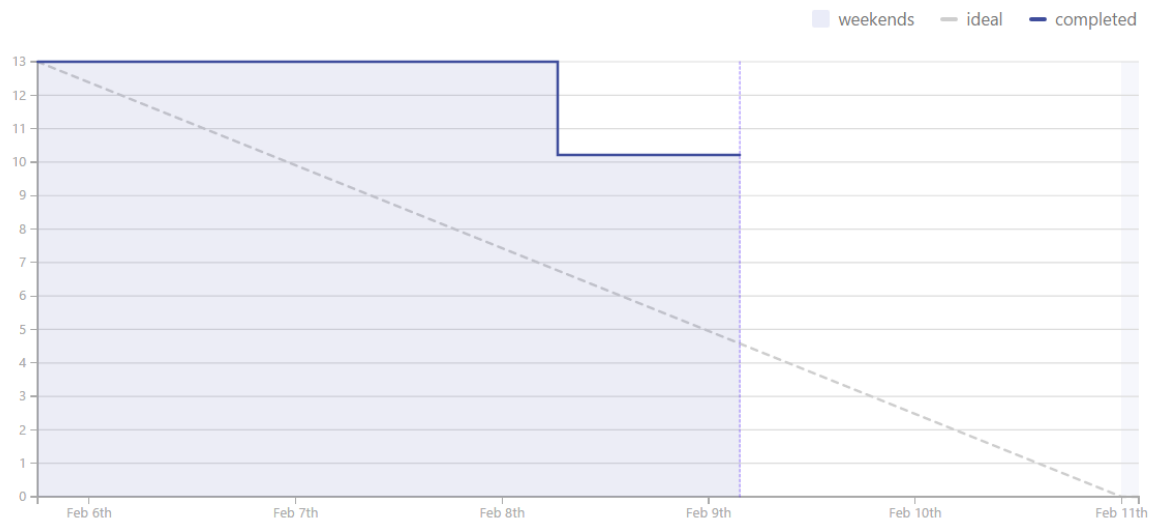
Iteration3

[Edit Milestone](#)[Milestones](#)

This milestone deals with maintaining groups and adding friends to groups.

[Labels](#)[Hide Pull Requests](#)[Burn Pipelines](#)

Start: Feb 6, 2017 [Edit](#) Due: Feb 11th, 2017 [Edit](#)



13 Total Story Points

0 Completed Story Points / 13 Remaining Story Points

5 Total Issues and Pull Requests

0 Completed Issues and PRs / 5 Remaining Issues and PRs

Remaining Issues and Pull Requests

Story points

① ASE Lab Assignments bug Spring-ASE-2017 #11 New Issues	1
① ASE Lab Assignments duplicate Spring-ASE-2017 #12 New Issues	2
① ASE Lab Assignments enhancement Spring-ASE-2017 #13 New Issues	5
① ASE Lab Assignments question Spring-ASE-2017 #14 New Issues	2
① ASE Lab Assignments enhancement Spring-ASE-2017 #15 In Progress	3

Completed Issues and Pull Requests

Story points

No issues to show based on your filters.

3) Create Wiki page. Create a wiki page for your lab assignment through Github.

<https://github.com/prathyu1601/Spring-ASE-2017/wiki/ASE-Lab-Assignment-1>

4. Create GitHub Account. Create a repository in remote Github. Clone it to local machine. Create 2 (Source and Documentation) directories in local github. Put the screenshots of class diagram and analytics graph under documentation directory in the local windows Github and sync it to remote Github.

- New repository Spring-ASE-2017 is created in remote Github and is cloned to local machine.
- Two folders Documentation and Source is created and the Lab-1 Assignment documentation is placed in Documentation folder.
- All these changes done in local machine is cloned to remote Github.

The screenshot shows the GitHub web interface for the repository 'Spring-ASE-2017'. The left sidebar lists repositories, with 'Spring-ASE-2017' selected. The main area displays the commit history, showing a list of commits from top to bottom: 'Create Documentation', 'Create source', 'Delete Lab-1', 'Update Lab-1', 'Update Lab-1', 'Delete Documentation', 'Create Documentation', 'Create Lab-1', 'Update README.md', and 'Initial commit'. The 'Initial commit' is highlighted in blue. The commit details for the 'Initial commit' are shown on the right, including the commit message 'Initial commit' and the file changes for 'README.md'.

Initial commit
prathyu1601 7686112

▼ README.md

File	Line	Change
1	2	+ # Fall-ASE-2017
1	2	\ No newline at end of file

+

Filter repositories

GitHub

hello-world

Spring-ASE-2017

Other

Tutorial

master

Changes

History

Pull request

Compare

Sync

master

12 changes

✓

Lab-1\Documentation\Images\AnalyticsGraph-1.png

+

✓

Lab-1\Documentation\Images\AnalyticsGraph-2-1.png

+

✓

Lab-1\Documentation\Images\AnalyticsGraph-2.png

+

✓

Lab-1\Documentation\Images\AnalyticsGraph-3-1.png

+

✓

Lab-1\Documentation\Images\AnalyticsGraph-3.png

+

✓

Lab-1\Documentation\Images\Boards.jpg

+

✓

Lab-1\Documentation\Images\ClassDiagram.JPG

+

✓

Lab-1\Documentation\Images\Milestones.jpg

+

✓

Lab-1\Documentation\Lab Assignment - 1.pdf

+

✓

Lab-1\source

-

clone to remote

Description

Commit to master