Project Management Plan

Our original base-line and final task estimates were nearly identical. The group made an excellent effort to remain on time to the dates given in our Gantt chart. The only part that deviated was the time allotted for the learning and implementation of Bootstrap and WTF-Forms with Flask. Scott Jennings, Tim Griffin, and Justin Heffernan spent until the due date making minor changes with the design trying to maximize looks and efficiency.

The team's management structure was discussed at the first meeting. At this point, it was decided that we would meet every Tuesday and Thursday from 4:30pm-6:00pm to go over the progress being made throughout the project. We decided as a group that a project lead was not needed for the project as the requirements were quite clear and that the implementation could be done by each member according to the Gantt chart. In the first meeting we set up a Slack group chat to discuss the project outside of meetings, but this later turned into a Facebook group chat as it seemed more convenient for everyone in terms of response time and familiarity with the tool. In the following weeks meeting a GitHub repository was set up by Tim Griffin to allow the ease of sharing the code as each member made changes to the project. The first process was to set up the database which was completed by Scott Jennings. After that was in place, Tim Griffin, Scott Jennings, and Justin Heffernan each took parts of the functional requirements and began implementation of the project. After one of us would complete as requirement we would discuss with the other two members on which one to move on-to. This resulted in seamless implementation of each part of the project from each member. The three of us also would document (docstrings/comment) our own code as we went through.

The team work assignments are listing below for ease of viewing. The number displayed next to the task corresponds with task number on the Gantt chart.

Scott Jennings

- Database implementation (3)(5)
- Create sign-in page and homepage (9)
- Create user notifications/subscriptions (14)
- Bootstrap and WTF-Forms implementation (15)
- Developed source code deliverable (19)
- Test suites (20)
- Create Pip file (22)

Tim Griffin

- High level design (2)(4)918)
- Create 'Create post' (11)
- Create group page/search bar (13)
- Bootstrap and WTF-Forms implementation (15)
- Developed source code deliverable (19)
- Test suites (20)
- Create Pip file (22)

Justin Heffernan

- Project Management Plan deliverable (2)(5)(17)
- Create post page (10)
- Create profile page/link profiles (12)
- Bootstrap and WTF-Forms implementation (15)
- Developed source code deliverable (19)
- Test suites (20)
- Create Pip file (22)

Taswaf Rahman

- Requirements Document (6)
- Requirements Deliverable (16)

Abrar Khan

- Research how to implement each requirement (7)
- Requirements Deliverable (16)

Above are the elements assigned to each team member. The clearly laid out parts that each group member did in terms of the deliverables is listed below.

Scott Jennings

- (2) A requirements document incorporating the functional features listed above (A, B, C)
- (4) Developed source code for the prototype implementation (A, B, C)
- (5) Test suites (A, B)
- (6) Documentation explaining the state of the prototype implementation (B)
- (7) A pip compliant zip file allowing distribution and installation of the project (A, B, C, D, E, F)

Tim Griffin

- (2) A requirements document incorporating the functional features listed above (A, B, C)
- (3) Design Document (A, B)
- (4) Developed source code for the prototype implementation (A, B, C)
- (6) Documentation explaining the state of the prototype implementation (A, B)
- (7) A pip compliant zip file allowing distribution and installation of the project (A, B, C, D, E, F)

Justin Heffernan

- (1) A project management plan / Gantt chart with allocated work resources (A, B, C, D)
- (2) A requirements document incorporating the functional features listed above (A, B, C)
- (4) Developed source code for the prototype implementation (A, B, C)
- (6) Documentation explaining the state of the prototype implementation (A, B)
- (7) A pip compliant zip file allowing distribution and installation of the project (A, B, C, D, E, F)

Taswaf Rahman

- (2) A requirements document incorporating the functional features listed above (A, B, C)

Abrar Khan

- Did not participate. Said he would contact prof about situation. Quit at second last meeting.

NOTE: All of 1(E) will be done as a group at the final meeting.

For team rankings we made a survey using Survey Monkey and rated each category out of 5 for each member. We did not vote on Abrar Khan as he quit. The y-axis is members and x-axis is the category corresponding with part E. The results are found below:

	I	II	III	IV	Overall
Scott Jennings	5	5	5	4.75	1
Tim Griffin	4.75	4.50	4.75	4.75	T-2
Justin Heffernan	4.75	4.50	4.75	4.75	T-2
Taswaf Rahman	2.25	2.00	2.50	2.75	3
Abrar Khan	N/A	N/A	N/A	N/A	N/A