

Project plan

Justice League Team
Community Watch app

Milestone: “Proof of concept”

By Nov 20

Concept: Neighborhood, Crime

UI: Map

Tasks:

1. Vue basic setup (Sanja, 11/16)
2. Database creation (Wenbo, 11/17)
3. Populate the database (Wenbo, 11/17)
4. Data Model for Neighborhood (Sanja, 11/17)
5. Data Model for Crime (Fernando, 11/17)
6. API for Neighborhood (Sanja, 11/17)
7. API for Crime (Fernando, 11/17)
8. HeatMap creation (Stuti, 11/18)
9. HeatMap filters (Stuti, 11/19)
10. Deploy the app (Sanja, 11/19)
11. Short write-up documenting scope (Sanja, 11/19)
12. Write README w/ details on app description, purpose, functionality, & work breakdown (Stuti, 11/19)
13. start API.md (Fernando, 11/19)

Milestone: “Minimum Viable Product”

By Nov 30

Concept: User, Post, Feed

Tasks:

1. Data model for Users (Sanja, 11/23)
2. User sign in/up (UI) (Sanja, 11/23)
3. User profile page (UI) (Sanja, 11/25)
4. API for users (Sanja, 11/25)
5. Data model for Posts (Stuti, 11/23)
6. API for posts (Stuti, 11/25)
7. CRUD for Post (UI) (Stuti, 11/27)
8. Follow neighborhood (UI) (Fernando, 11/27)

9. Data Model for Feed (Wenbo, 11/25)
10. API for Feed (Wenbo, 11/25)
11. Navigation bar (Wenbo, 11/26)
12. Create Feed tab (UI) (Fernando, 11/27)
13. MVP Presentation (Everyone, 11/29)
14. update API.md (Fernando, 11/27)
15. Update Design Document (Everyone, 11/29)

Milestone: “Finished Product”

By Dec 9

Concept: Reply, Upvote, Downvote, Flag

Tasks:

1. Data Model for Upvote/Downvote (Wenbo, 12/2)
2. API for Upvote/Downvote (Wenbo, 12/2)
3. Data Model for Flag (Sanja, 12/3)
4. API for Flag (Sanja, 12/3)
5. Data model for Reply (Stuti, 12/2)
6. API for reply (Stuti, 12/4)
7. CRUD for Reply (UI) (Stuti, 12/6)
8. UI beautification (Fernando, 12/6)
9. User Testing (Sanja, 12/6)
10. Code cleaning/documentation (Sanja, 12/8)
11. Robustness testing (Fernando, 12/8)
12. Update Design Document (Everyone, 12/8)
13. Update API.md (Fernando, 11/27)
14. Final deployment (Sanja, 12/8)

What if something goes wrong?

Have a meeting and discuss how to resolve issues. Consult TA/ instructor for advice on how to proceed. Post on piazza and ask for advice. If things go really bad, try to have a functional MVP. Some non-essential functionalities we might cut if things go wrong are the following:

- Upvoting/downvoting
- Flagging
- Reply (only in extreme circumstances)
- Following neighborhoods (only in extreme circumstances)

Most of these functionalities were chosen because they are concepts that mainly appear in the finished product.