Project Plan

K.S.D.A- Neighborhood Connect

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Functionality Completed at Each Milestone:

Proof of Concept:
- Data stored in a database
- Functions:
  - Create user
  - Create requests
  - Get feed
  - Sign in / sign out
- Concepts
  - User with:
    - Username, password, requests
  - Request with:
    - Title, description, author
- UI
  - basic UI without styling

Minimum Viable Product:
- Functions
  - Create, edit, delete request
  - Create, edit, delete comment
  - upvote/downvote request
- Concepts
  - User with:
    - Username, password, requests, Status (admin / non admin)
  - Tag with:
    - name
  - Request with:
    - Title, description, author, votes, comments
  - upvote/downvote
  - Comment
- UI
  - Some basic styling

Finished Product:
- Functions
  - filter by tag
  - Rate priority
  - Create announcement (admin)
  - View map
- Concepts - all concepts outlined above in full

- UI
  - Clean and fully styled
- Testing

Implementation and Other Tasks:

We organize our tasks by our three main deadlines, Proof of Concept, Minimum Viable Product, and Finished Product. Apart from the creation of the databases, each task consists of the assignee developing the backend and a front end of the element as well as testing the functionality. As our user interface developes, we will likely make considerable UI shits at the end.

1. **Proof of Concept (**Friday, November 19th)

   By Wednesday, November 17th:

   - Create Users Database (D)
   - Create Requests Database (K)

   By Thursday, November 18th:

   - Create User (K)
   - Sign in (S)
   - Create request (A)
   - Unresolve/Resolve issue (A)

2. **Minimum Viable Product** (Wednesday, December 1st)

   By Monday, November 29th:

   - Change username + password (D)
   - Delete user (S)
   - Follow tag (K)
   - Upvote proposal (A)
   - Downvote proposal (A)
   - Create comment (D)
   - Edit request (D)
   - Delete request (D)
   - Delete comment (S)

3. **Finished Product** (Wednesday, December 8th)

   By Sunday, December 4th:

   - Filter by tag (K)
   - Create Announcement (admin) (S)
   - Incorporate Map (K)

- UI development (we will break down this task more as we finalize our design) (K.S.D.A)
- Bug fixing (D/K)
- User Testing (A/S)

Plan if something goes wrong:

In the event that something with our project goes wrong, like missing a deadline or unforeseen bugs come up, there are a few tasks at the end that could be removed or modified. We want to keep all of the key concepts of the app like users making accounts, posts, and tagging as those functionalities are the key purpose of that app. However, allowing the admins to create announcements to alert all followers of specific tags would be a nice to have on the app, not a requirement. In the event something goes wrong, we will first drop announcements. In the event we run out of time, we may also not include a map in our user interface. Or we may implement a static version of a map rather than a dynamic one. Finally, we decided that filtering by tag could also have it's functionalities reduced