Software Requirements

Functional Requirements

This is a list of the functional requirements that our project management software will have. Note that they are subject to change as the project continues to grow and adapt to different needs.

1. Users should be able to make an account for information tracking
2. Users should be able to delete their accounts
3. Each account must be uniquely identified by an id and email.
4. There is a privilege distinction in the type of user, Normal user, project lead and Project Manager.
5. The Project Manager can create projects and distribute the roles of manager and give someone Project lead rights.
6. Project leaders should be able to distribute tasks and track their progress as they are completed.
7. Project collection (list containing all the projects, their status, team lead, target and completed date, start data)
8. Creating tasks for the members in each project and the ability to mark tasks as completed give them priority.
9. Project health should be visible / updateable (How close or far from intended expectations it is.)
10. Sub charters for each project specific information about them
11. Recourse plan and make it project specific
12. Every project has a task list, project lead can generate tasks and assign them to group members, and they include all necessary information
13. Each project has a Risk analysis and details.

Non-functional requirements

1. The software is secure, meaning there is a effort made to preserve anonymity and data protection.
2. Software is dependable and will work as intended,
3. It should be scalable and have low overhead.
4. The UI is easy to understand and efficient for the users to use.