CSE222/505

Project Management And Planning System

Report

*Group-7*



1) Group Members

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2) Problem Definition

3) Users Of The System

**Admin**

Admin can identify problems and projects.

Admin can manage issues and projects. can be written, deleted and edited.

**Project Manager**

Project manager can assign problems to users. It can transfer an existing problem on the user to another user. Can edit issues. Project manager must be able to change the issue status from in review to verified. Admin should change the issue status as done after that.

**User**

Users can edit their profile. For example, they can edit the about contact and teams section. Users can edit the title, comment and status sections. Users can change the status of their task. For example, a task can be changed to completed status. Can change the assigned task to in progress. Users must be able to change the issue status from in progress to in review and need info, if user changes status to in review, it must be assigned to project manager, if it is changed to need info, issue must be assigned to the referred user who has the info.

4) Requirements

4.1) Functional Requirements

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| Requirement ID | Description Of The Requirements |
| FR1 | Admin must be able to create projects. |
| FR2 | Admin must be able to create issues. |
| FR3 | Project manager must be able to assign Issues to users. |
| FR4 | Project must have a Name, Key (like abbreviation), Type and Lead (Company Name) . |
| FR5 | Issues must have an id (Key – Issue Number). |
| FR6 | Issue must have an assignee and reporter user. |
| FR7 | Issues must have a title, comment, history and description sections. |
| FR8 | Issues must have created and updated time. |
| FR9 | The comment section must have edit and delete options. |
| FR10 | Issues must have child-issues. |
| FR11 | Issues must have priority (highest, high, medium, low, lowest). |
| FR12 | Issues must have types like bug, task, sub-task, story, epic (Epic issues, which represent high-level initiatives or bigger pieces of work in Jira. For software teams, an epic may represent a new feature they're developing. For IT service teams, epics may represent a major service change or upgrade.). |
| FR13 | System must have Projects section (projects list). |
| FR14 | Project UI must have Planning Section and Development Section. |
| FR15 | Planning section must have Board, Issues, and Components (like hardware, software, mechanics etc.). |
| FR16 | Board section must have a Kanban Board, Backlog and Reports |
| FR17 | Kanban board must have the filters like show only my issues and recently updated. |
| FR18 | Development section must have source code and releases sections. |
| FR19 | Releases section must have version, status, progress, start date, release date and a description. |
| FR20 | Kanban board must have selected for development, in progress, in review, need info, and verified and done section. |
| FR21 | Users must have a profile that must have about, contact, and teams sections. |
| FR22 | Users must be able to edit title, comment and status sections. |
| FR23 | Users must be able to change the task status from selected from development to in progress and assign them to project manager |
| FR24 | Users must be able to change the issue status from in progress to in review and need info, if user changes status to in review, it must be assigned to project manager, if it is changed to need info, issue must be assigned to the referred user who has the info. |
| FR25 | Project manager must be able to change the issue status from in review to verified. Admin should change the issue status as done after that. |

4.2) Non-Functional Requirements

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| --- | --- |
| Requirement ID | Description Of The Requirements |
| NFR1 |  |
| NFR2 |  |
| NFR3 |  |
| NFR4 |  |

5) Use-Case Diagrams

6) C4 Models