Dev Tracker Design Doc

1. Description
   1. This web app will allow users to track the progress of projects. Users can other assign users specific access levels, create new projects, file bugs, and track their progress.
2. Tech Stack
   1. The back end of this project will be run on NodeJS, with a MongoDB database for the data storage, and utilizing EJS, CSS, and Bootstrap for the front-end.
3. Data Structure
4. Design
   1. Page Layout
      1. Landing
         1. Buttons
            1. Login
            2. Register
      2. Login
         1. Fields
            1. Username
            2. Password
         2. Buttons
            1. Login
            2. Go Back
      3. Registration
         1. Fields
            1. Username
            2. Password
         2. Buttons
            1. Register
            2. Go Back
      4. Dashboard
         1. Top Nav
            1. Project Drop Down

Project list

New Project

* + - * 1. Create
        2. Notifications
        3. Log Out
      1. Side Nav
         1. Home
         2. User Management
         3. My Tickets
         4. My Projects
         5. User Profile
    1. New Project
       1. Fields
          1. Project Name
       2. Buttons
          1. Create Project
          2. Go Back
    2. Create Ticket
       1. Fields
          1. Type
          2. Title
          3. Summary
          4. Assignee
          5. Severity
       2. Buttons
          1. Create
          2. Go Back
    3. Notifications
       1. Buttons
          1. Go Back
    4. User Management
       1. User List
          1. Role Dropdown
          2. Remove User
          3. Add User
       2. Buttons
          1. Submit Changes
          2. Go Back
    5. Ticket List
       1. List
          1. Ticket Link
          2. Status Dropdown
          3. Assignee Dropdown
       2. Buttons
          1. Previous Page
          2. Page List
          3. Next Page
          4. Go Back
    6. My Projects
       1. List
          1. Project Link
       2. Buttons
          1. Previous Page
          2. Page List
          3. Next Page
          4. Go Back
    7. User Profile
       1. Fields
          1. Display Name
          2. Email
       2. Buttons
          1. Submit Changes
          2. Go Back

1. MVP
   1. Users can register and login *-done*
   2. Users can create new projects
   3. Users can grant other users access to these projects
   4. Users can create bugs and assign them to users that have access to those projects
   5. Users are unable to see projects they have not been given access to
   6. Users can see a project specific dashboard containing:
      1. Bugs Assigned to them
      2. Bugs Created Today
      3. Resolved Bugs
      4. Unassigned Bugs
2. Change Log
   1. 11-21-2000
      1. Initial Creation