Final Project Plan

I.   Team members

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II.   Web Application Name

NotePad

III.   Description

NotePad application allows users to view, create, update and delete notes (title & body). It also has basic password based authentication along with 'User Signup' facility. NotePad web application deploys a unique session secret to communicate back-and-forth with the server and is valid for the length of one login-logout session or 24 hours, whichever is earlier.

IV.   Target Users

Anyone who wants to view, create, save or update personalized text-based content securely and accessible across multiple internet connected devices.

V.   User stories and Usage scenarios

1. Create
   a. Account creation
      i. User story: Any user can create their own account to login to the web application
      ii. Usage scenario:
         1. New user visits web application URL
         2. Enters *username* and *password* of choice and hits *Signup* button
         3. If username already exists user is notified else account is created and user is logged in.
   b. Note creation
      i. User story: Authenticated user can create a new note
      ii. Usage scenario:
         1. User successfully logs into application
         2. Clicks on *New item*
         3. Enters title and body in the pop window
         4. Clicks on *Save changes*
         5. Note is created and displayed on dashboard
2. Read
   a. View notes
      i. User story: Authenticated user can view all existing notes on dashboard
      ii. Usage scenario:
         1. User successfully logs into application
         2. Note is created and displayed on dashboard
         3. Clicks on *Logout*
3. Update
   a. Update notes

      i.   User story: Authenticated users can update their existing notes

    ii.   Usage scenario:

        1.   User successfully logs into application

        2.   Clicks on *any one of the notes*

        3.   Modifies title or/and body in the pop window

        4.   Clicks on *Save changes*

        5.   Note is updated and displayed on dashboard

        6.   Clicks on *Logout*

4. Delete

    a.   Delete notes

      i.   User story: Authenticated user can delete their notes

    ii.   Usage scenario:

        1.   User successfully logs into application

        2.   Clicks on *any one of the notes*

        3.   Clicks on *Delete*

        4.   Note is delete and displayed on dashboard

        5.   Clicks on *Logout*

VI.   Class diagrams