

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

