Final Project Plan

## Team members

Raghuvaran Chowda – *Full Stack developer*

## Web Application Name

NotePad

## 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.

## Target Users

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

## User stories and Usage scenarios

1. Create
   1. Account creation
      1. User story: Any user can create their own account to login to the web application
      2. 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.
   2. Note creation
      1. User story: Authenticated user can create a new note
      2. 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
   1. View notes
      1. User story: Authenticated user can view all existing notes on dashboard
      2. Usage scenario:
         1. User successfully logs into application
         2. Note is created and displayed on dashboard
         3. Clicks on *Logout*
3. Update
   1. Update notes
      1. User story: Authenticated users can update their existing notes
      2. 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
   1. Delete notes
      1. User story: Authenticated user can delete their notes
      2. 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*

## Class diagrams

