

Project Aim

You are creating a notes management system.

Your application should do the following:

- 1) allow user to signup with name, email, date of birth, password
- 2) allow user to login
- 3) allow user to create a note
- 4) Notes has following details:
 - a) notes can be of 4 types: 1) regular note 2) reminder 3) todo 4) bookmark
 - b) regular note: user can take a text note
 - c) reminder: user can take a text note and set a reminder (date+time)
 - d) task: user can take a text note, set a due date (date+time) and update whether or not this task is complete
 - e) bookmark: user can bookmark any web URL
 - f) max length of a note is 100 characters
- 5) There would be a user dashboard, from dashboard he/she can see all the notes (all four types)
- 6) User will be redirected to dashboard after login
- 7) From dashboard, user can see which todo or reminder is for today, this week and this month
- 8) Allow user to logout

While designing the application:

- 1) There has to be at least 2 layer in the application. Front end and REST API
- 2) For front end you can use any front end js library , for REST API use WebAPI
- 3) There has to be a secure communication between front end and REST API
- 4) You can't use database (RDMS/NOSQL) as storage