Build an application that will allow a user to store and view notes.

Each note should have the following:
> **title:** String
> **body:** String
> **dateCreated:** Date
> **favorite:** Boolean
> **noteID:** Number

Each User should have the following:
> **username:** String
> **password:** String
> **userID:** Number

Application flow:

1. Register

2. Login

3. Once logged in the user can see the home page:
> a. Home page has a view of the user's favorited notes
> b. and most recent 3 notes that have been entered.

4. There should also be some number of views for the below, so the logged in person should be able to:
> a. View all notes entered
> b. Search for a note based on date entered in an input
> c. View a single note
> d. Add a note
> e. Edit a note
> f. Delete a note

Use a JSON server as a 'backend' to store the data, and use services to pull the notes and user data from your json.db file. Make sure to include this file in your submission. Make sure all forms have proper validation applied.