

Readme

- This is a note keeping app designed to allow multiple users to store and manage their notes.
- Users can log in to the application as well as register, create notes, view their recent notes, and delete existing notes.
- The system also includes a scheduled task (cron job) to automatically delete notes that are older than the last 10 recent notes on an hourly basis for each user.
- For User Authentication Spring Security and JwtToken Has been used.
- To maintain data integrity and security, the following validations are have been used:
 1. Notes can only contain the following special characters: [@ , ; & * + -].
 2. Notes are limited to a maximum of 500 characters.
 3. Title of notes is limited to maximum of 20 characters and both these fields are required to be entered.
- Users have the ability to delete their notes, ensuring that they can manage their own data.
- User can also edit the notes and this one was extra functionality which was optional which is also implemented in this assignment and when user updates notes the date of created note gets updated to current date too.
- For Data Base we have used MySQL and created a database named 'javamini'
- For Angular(run `npm install` to install the necessary modules)
And then ng serve and spring boot app should also be running in background.
Then open ("http://localhost:4200/")
Sign up for an account.
Log in with your username and password.
And start creating and viewing notes :)
- The system will automatically clean up notes older than your last 10 recent notes on an hourly basis with the help of Scheduler using cron job.
- In spring boot Get, Post, Put, Delete mappings are used in controller to achieve all functionality.

SCREENSHOTS





