

Please read the story

Mr. Arif owns a travel agency, he has so many dreams and ideas to improve his business. To spread his business to customers, Mr. Arif has decided to build a website like social media where user can register and post a status by checking in location (locations which are only covered by that travel agency).

So build a project which has following Steps

- 1) User can register (Marks 10)
- 2) User can login (Marks 5)
- 3) User can post a status by checking in a location (from a drop down box) (Marks 15)
- 4) User can change the privacy of the post to public, private. If he chooses public any users (including anonymous user) can see the post in **home page** of the web application. If he chooses private only that user can see the post from his **personal profile page**. (Marks 10)
- 5) User can edit his status (Marks 5)
- 6) User can pin his status top of his/her profile (Marks 5)
- 7) Add validations to all the form in the project. So that user can not submit invalid inputs. (Marks 10)
- 8) Incorporate logger for errors. (Marks 5)
- 9) Provide ER diagram of the project. [Share the ER diagram on your git repository root folder] (Marks 5)
- 10) Try to explain how to run your project and setup the database with required SQLs in ReadMe section. (Marks 5)

After completing all the required items, you can add more features if you have time. [This will give you bonus marks/advantage]

Location will be populated from a database, below is the database structure for location table. You can change the structure if you need. (You can use any kind of database)

ID	LOCATION
1	Sylhet
2	Bandarban
3	Khulna

Please complete all the steps stated above and do commit and push to your git account with proper message. We will check all of your commits. Make sure that your code is clean enough to understand.

Share your git repository public URL with (nasir.uddin@bs-23.net) so that we can track your project progress.

Required:

- 1) Spring Boot – (marks 10)
- 2) Spring Security – (marks 5)
- 3) Hibernate/JPA - (marks 5)
- 4) Logger using AOP (marks 5)

Project complete duration will be informed you separately.

Status List - UI design (This is just a sample to give your idea)



Mr. XYZ



Having a nice day



at Bandarban



Mr. ABC



Playing football with friends



at Bandarban

Posting a status - UI design (This is just a sample to give you idea)

Post a Status

Status

Choose privacy

☒ Public ☐ Private

Check in

Type your location here... ▼

Sylhet

Bandarban

Khulna

Post