

Stack Overflow-style web application

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1 Intro

For this series of assignments, we were instructed to create an application that would function similarly to Stack Overflow, where users would be able to post questions, post answers to said questions, and vote on them.

Only registered users have access to the site.

2 Tech Stack

- Frontend: Angular (Probably, still undecided at the moment)
- Backend: Java Spring
- DB: PostgreSQL

3 Use case description

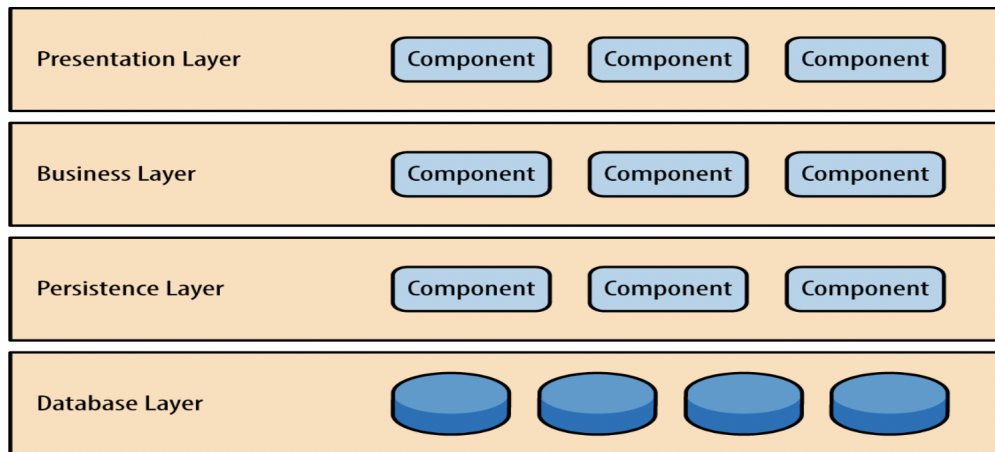
The users will first register/log in to the site.

After this is done, the users will be able to freely use the app as intended, posting questions, posting answers, and voting.

Users will be able to log out whenever they wish.

Only registered users will be able to have access to the site.

4 Architecture



In the presentation layer, the user will be able to interact with the application, by sending requests.

In the business layer, we will handle the application logic, delivering content to the user, and receiving data indirectly from the database.

In the persistence layer, DAO's will receive data directly from the database, facilitating data manipulation.

The database layer contains the database itself, and it will interact only with the DAO's.

5 Diagrams

