
Capstone Project:**Project Name: DoConnect****Problem Statement:**

DoConnect is a popular Q and A form in which techniques questions were asked and answered.

There are 2 users in this application:

1. User
2. Admin

##User Stories:

1. As a user, I should be able to login, log out and register into the application.
2. As a User, I should be able to ask any question under any topic
3. As a User, I should be able to search the question on any string written in search box
4. As a User, I should be able to answer any question asked
5. As a User, I should be able to answer more than one question and more than one time
6. As a User, I should be able to chat with other users
7. As a User, I should be able to upload images to refer

##Owner Stories:

1. As an Admin, I should be able to log in, logout, and register into the application
2. As an admin, I should be able to get mail as soon as any new question is asked or any answer is given
3. As an admin, I should be able to approve the question and answer. Any question or answer will be visible on platform only if it is approved
4. As an admin, I should be able to delete inappropriate Questions or Answers.

##Instructions:

1. Please use a folder on the server to upload the images
2. Please share the database structure in the .sql file
3. Please create a separate microservice for sending and receiving messages.
4. Please use the separate port to deploy the React UI and Spring Boot Microservice.
5. Please use Material UI to create the UI

Reference:

Please refer this link: <https://www.stackoverflow.com/>

Sprint I Objectives:

1. Create git repository
2. Create database schema (all tables along with their relationships)
3. Create entities in Spring
4. Create Microservice based structure
5. CRUD on User and Admin
6. Create template in React (Static Only) to hold the question and answers

Sprint II Objectives:

1. Develop Search functionality in React
2. Question and Answer module
3. Admin mail module
4. Owner approval module

Sprint III Objectives:

1. Create Data Transfer Objects
2. Create Repository
3. Create Service Layer logic
4. Create controller to direct rest API
5. Create Message Microservice.