CAPSTONE PROJECT
DO CONNECT

TEAM MEMBERS :

Yuvraj singh Shaktawat

A Sushma Chowdary

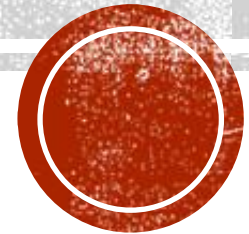Sontyana Harinath

Apoorv Gupta

Karukuri Shravan

Monica Verma

GROUP – 11

MENTOR – Ashutosh Trivedi

OBJECTIVE:

Problem statement :

Do connect is a popular Q and A from in which techniques questions was asked and answered.

INTRODUCTION

Do Connect is a social is a question-and-answer platform that allows users to engage in dialogue with experts in their field. It's been called "the Google of questions," and it has become a go-to source for information on a wide range of topics. It is a great resource for learning about new things, finding answers to your questions, and building relationships with other people who share your interests. It's also a great way to stay up-to-date on the latest trends and developments in your field.

There are 2 users on the application: -

1. User
2. Admin

USER STORIES-

1. As a user I should be able to login, Logout 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 Answer any question asked

4. As a user I should be able to answer more than one question and more than one time

5. As a user I should be able to chat with other users.

6. As a user I should be able to upload images to refer

ADMIN STORIES

1. As an Admin I should be able to login, Logout into the application.

2. As an Admin I should be able to get mail as soon as any new Question is asked or any Answers given.

3. As an Admin I should be able to approve the question and Answer.

4 Any Question or Answer will be visible on the platform only if it is approved.

5. As an Admin I should be able to delete inappropriate Questions or Answers.

TEAM MEMBERS	ROLE
Yuvraj singh Shaktawat	Backend
A Sushma Chowdary	Frontend
Sontyana Harinath	Backend
Apoorv Gupta	Backend
Karukuri Shravan	Frontend
Monica Verma	Frontend

SOFTWARE REQUIREMENTS:

- Frontend : Angular

- Backend : Java ,Spring Boot

- Database : MYSQL

FRONTEND : ANGULAR

➢ **Angular** is a TypeScript-based web application framework.

➢ An application is a Module. **Module** contains components

➢ Basic building block of Angular is **Component** which uses Services

➢ **Services** contains data and reusable business methods.

➢ **Routing** in Angular allows the users to create a single-page application with multiple views and allows navigation between them. Users can switch between these views without

➢ The <router-outlet> **tells the router where to display routed views**. The RouterOutlet is one of the router directives that became available to the AppComponent because AppModule imports AppRoutingModule which exported RouterModule .

FRONTEND ANGULAR MATERIAL

➢ Provide tools that help developers build their own custom components with common interaction patterns.

➢ <mat-card> is a content container for text, photos, and actions in the context of a single subject.

➢ <mat-form-field> is a component used to wrap several Angular Material components and apply common Text field styles such as the underline, floating label, and hint messages.

➢ <mat-button> are native <button> elements enhanced with Material Design styling

BACKEND : SPRING BOOT

Spring-Boot provides a quick way to create a spring based application from dependency management to convention over configuration.

➤ Stand-alone Spring applications with negligible efforts.

➤ Automatic configuration by creating sensible defaults

➤ Provides Starter dependencies / Starter POMs.

➤ Supports Gradle and Maven

➤ Provides common non-functional production ready features for a "Real" application such as

-security

-metrics

-Embedded servers

DATABASE : MYSQL

➢ MySQL allows users to connect to a specific database on the server and issue requests.

➢ Concurrent access .

➢ This system can run on virtually on any platform UNIX and Windows.

➢ MySQL also comes with a source code.

➢ MySQL is used at the enterprise level because of its security.

➢ Provides best open source RDBMS being developing web based software applications.

➢ MySQL uses a standard from of the wll known SQL data language.

➢ Widely accepted.

➢ Database is a separate application that stores a collection of tables and related data.

THANK YOU