Doctors Meet

## MINI PROJECT – I SYNOPSIS



Department of Computer Science & Application

**Institute of Engineering & Technology**

SUBMITTED TO: - SUBMITTED BY: -

Ms. Madhu Abhi Gupta (201500009) (Technical Trainer) Aniruddha Bajpai (201500092) Harsh Vardhan Gupta (201500280)

Yash Mittal (201500821)

Yugal Gautam (201500835)

**Acknowledgment**

It gives us great pleasure to present the synopsis of the B.Tech mini-project undertaken during B. Tech III Year. This project is going to be an acknowledgment to the inspiration, drive, and technical assistance that will be contributed to it by many individuals. We owe a special debt of gratitude to Ms. Madhu, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for her constant support and guidance to our work.

Her sincerity, thoroughness, and perseverance have been a constant source of inspiration for us. We believe that she will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies. We also do not like miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation.

Abhi Gupta (201500009)

Aniruddha Bajpai (201500092) Harsh Vardhan Gupta (201500280) Yash Mittal (201500821)

Yugal Gautam (201500835)

# ABSTRACT

Our project majorly focuses on connecting doctors of rural areas with doctors of urban areas and vice-versa so that there can be a medium of exchanging thoughts between doctors. We aim to solve most of the problems that occur in day to day life of rural doctors like a lack of proper resources, poor medical services, shortage of hospital cots, and many more due to which patients can't be treated to their fullest. We have various features like a reference button by which a doctor can refer a case to any other doctor, continuous news to stay everyone updated with the current world, top-notch doctors of certain fields available in a particular city, an advanced search box to search for specific doctors, and much more. It has a simplistic user interface that is easy to understand and work upon. The perfect place to find and understand the community of the ones who can save mankind from suffering and sickness and can give life.

# Contents

Acknowledgment Abstract

1. Introduction
   1. Objective
   2. Motivation
   3. Problem Statement
2. Software Requirement
   1. Hardware Requirements
   2. Software Requirements
3. Project Description
4. Working
5. Implementation
6. References

# INTRODUCTION

Social Networking Sites have emerged as a platform for displaying individual profiles, sharing information, photos, videos, and experiences among Internet users as well as forming friendships and sending messages to each other. Even nowadays there are social networking websites for specific domains, out of which we don't see any website which is specifically for doctors. Doctors don't have ease to find their community on normal social networking websites, there is no such website that talks about the importance of medical facilities available in different regions of the country. Doctors are so busy to be active on social sites, one of the reasons is a busy schedule and hectic work-life balance if they wanted to socialize more with their peers but due to heterogenous work profiles on platforms like LinkedIn, they had to check out their peers and had to connect which is time taking so there is always an urge to provide a specific platform to doctors where they can quickly connect and build there own social community. Doctors meet manages to create a perfect environment that is ethical, salubrious, wholesome, and filled with lots of enthusiasm. It makes an ease for all the doctors to share, exchange, and convey their thoughts and feelings with the other doctors.

# SOFTWARE AND HARDWARE REQUIREMENTS

* VS Code (Pre-installed Live Server, EJS)
* Browser (DOM)
* Java 11
* Eclipse With STS(Spring Tool Suite, Starters(JPA, WEB))
* Tomcat Server
* MySQL-(RDBMS)
* Window 10

**\*\*No Hardware Requirements**

# PROJECT DESCRIPTION

The purpose of this project is to make a social networking website that connects doctors belonging to different parts of the world through a very simple user interface. Doctors Meet is an online platform that allows users to create a public profile and interact with other users. It allows a new user to provide a list of people with whom they share a connection, and then allows the people on the list to confirm or deny the connection. After connections are established, the new user can search the networks of connections to make more connections, and further, they can help their patients by asking their queries from other doctors, and knowledge of tremendous strides in the fields of medicines and pharmaceuticals can be gained with the features present in the website.

This helps to implement modern tactics and techniques in each part of the country. The project is divided into two modules(on One side) – User, and DB administrator. The roles of the modules are as follows:

## User:

This website allows its users to exchange thoughts, upload videos, and

photos, interact with doctors from other parts of the world, search for a specific type of doctors, and make friends, a news section is there to keep up with the user and give him an opportunity to explore the world of medical sciences, machinery and new diseases which are spreading across the world. The user can play quizzes as a game with the other user, active friends, advanced search box for searching specific types of doctors. Since the user can only be a doctor therefore if any case he cannot handle then he can refer to any other user/doctor and can ask for help from them. The website helps to chat with other users privately. A user can add stories for 24 hrs to express his feelings on a particular day.

## DB Administrator:

The Administrator takes care of all the data entries like license number, username, and password as well the data formats like jpg, docs, etc. The data object is transferred from the front-end to the back-end and is correctly mapped using the ORM technique and the changes made to RDBMS and the authentication details in application properties in spring boot will be administered by the DBA.

# WORKING

A doctor has to register on the website to be able to see the content of the website by filling the valid details like his college name from where he got his degree and his license number which is been given to each certified doctor so that they can be differentiated from fake doctors if the doctor has already registered himself earlier than he needs to login with his email and password.

After logging in he comes to the main interface of the website where he could see many features like as he can see active news related to the medical field to keep him updated with the current world, and he can search for people to make friends with.

The website contains an advanced search box to search for a specific type of top-notch doctors available in the list of options in a particular city. If a doctor

cannot understand any case or is facing difficulty to solve the case then he can refer to any other doctor whomever he feels like by clicking on the refer button. He can privately chat with his friends by going to the message section of the webpage. He can post his pictures and videos, he can also delete and update them. He can add his story for 24 hrs to express his thoughts.

There is a quiz section so that two users can select and play online quizzes related to a particular topic. He can see his current active friend.

# IMPLEMENTATION

Javascript is a scripting language used to enhance the functionality of the browser. Java script is integrated with HTML 5 and navigator 2.02. Java script facilitates the developer with properties related to document windows, frames, loaded documents, and links. The J2EE platform specifiesthe logical application components within a system and defines the role played in the development process.

**The J2EE platform uses a distributed multitiered application model for enterprise applications.**

This project contains the underlying Spring framework(Mainly Springboot ). Spring Boot is a microservice-based framework and

making a production-ready application in it takes very less time. Spring Boot came into existence when in October 2012, a client, Mike Youngstrom made a Jira request asking for bootstrapping the spring framework so that

It can be quickly started. And hence in early 2013, Spring Boot was made.

Tomcat started off as a servlet specification implementation by James Duncan Davidson who worked as a software architect on Sun. He later helped in making the project open-source and in its donation by Sun to the Apache Software Foundation.

Oracle is a trademark of Oracle Corporation and in common usage refers to the database engine (which actually looks for the data) and the range of frontend products. Oracle 8i is the largest-selling SQL-based RDBMS and the most commercially useful product.

**REFERENCE:**

**Websites:**

* + [www.w3schools.com](http://www.w3schools.com/)
  + [developer.mozilla.org/en-US/](https://developer.mozilla.org/en-US/)
  + [//spring.io](https://spring.io/)
  + [//fonts.google.com/](https://fonts.google.com/)
  + //devdocs.io/
  + [//colorhunt.co](https://colorhunt.co/)

**Faculty Guidelines:**

Ms. Madhu (Technical Trainer at GLA University)

**GitHub Repository link:**

[Harnyx-Dope/MINI-PROJECT-1-5-SEM- (github.com)](https://github.com/Harnyx-Dope/MINI-PROJECT-1-5-SEM-)