

A
Project Report
On
College Post

**Submitted in the partial fulfillment of the
requirement for the Award of degree.**

Computer Science & Engineering

From

A.P.J. Abdul Kalam Technical University, Lucknow

Session: 2022-23

Guided By :

Submitted By :



DECLARATION

We **Nazeem Ahmad, Komal Kumari** declare that the project work entitled “**Fitness Freaks**” is an authenticated work carried out by me at **B.Tech 4th Yr.** Under the guidance of _____ for the partial fulfillment of the award of the degree of **COMPUTER SCIENCE & ENGINEERING.** and this work has not been submitted for similar purpose anywhere else except to **SMS IT, Lucknow .**

Date : 06/11/2022

**Nazeem Ahmad
Komal Kumari**

CERTIFICATE

This is to certify that the project report entitled
“Fitness Freaks ” submitted by **“Nazeem Ahmad, Komal Kumari”** to A.P.J. Abdul Kalam Technical University,
Lucknow is a bonafide record of work carried out by him/her
in the partial fulfillment for the award of the degree
Computer Science & Engineering.

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Introduction

“Fitness Freaks” is a android app where users can

What is “MERN Stack” ?

MERN Stack is a javascript Stack that is used for easier and faster deployment of full-stack web applications. MERN Stack comprises 4 technologies namely :MongoDB, Express, React and Node.js.

How is “College Post” different from other blogging websites?

College Post is a student focused blogging website, which means students are general users & the main idea of this project is to bring students together to share their knowledge and create a connected environment around students & teachers also.

Role and responsibilities of the team members

Nazeem Ahmad a student of B.tech (CSE) 4th year, at SMS IT is associated as a Back-end Developer in this project.

Responsibilities

- Write clean code to develop functional web application.
- Troubleshoot and debug application.
- Collaborate with team members to integrate user-facing elements with server side logic.
- Participate in the entire application lifecycle, focusing on coding and debugging.

Aaman Maurya, a student of B.tech (CSE) 4th year, at SMS IT is associated as a Front-end Developer in this project.

Responsibilities

- Maintain and improve application.
- Collaborate with back-end developers and web designers to improve usability.
- Perform efficient browser testing and debugging.

Manmohan Dwivedi, a student of B.tech (CSE) 4th year, at SMS IT is associated as a UI/UX Developer in this project.

Responsibilities

- Gather and evaluate user requirements in collaboration with team members.
- Design graphic user interface elements, like menus, tabs and widgets.
- Build page navigation buttons and search fields.
- Identify and troubleshoot UX problems.
- Create quality mockups and prototypes.

Mahakpreet Kaur Bhatia, a student of B.tech (CSE) 4th year, at SMS IT is associated as a Front-end Developer in this project.

Responsibilities

- Get feedback from, and build solutions for, users.
- Conduct layout adjustments based on user feedback.
- Help back-end developers with coding and troubleshooting
- Optimize applications for maximum speed

Hardware & Software Requirements

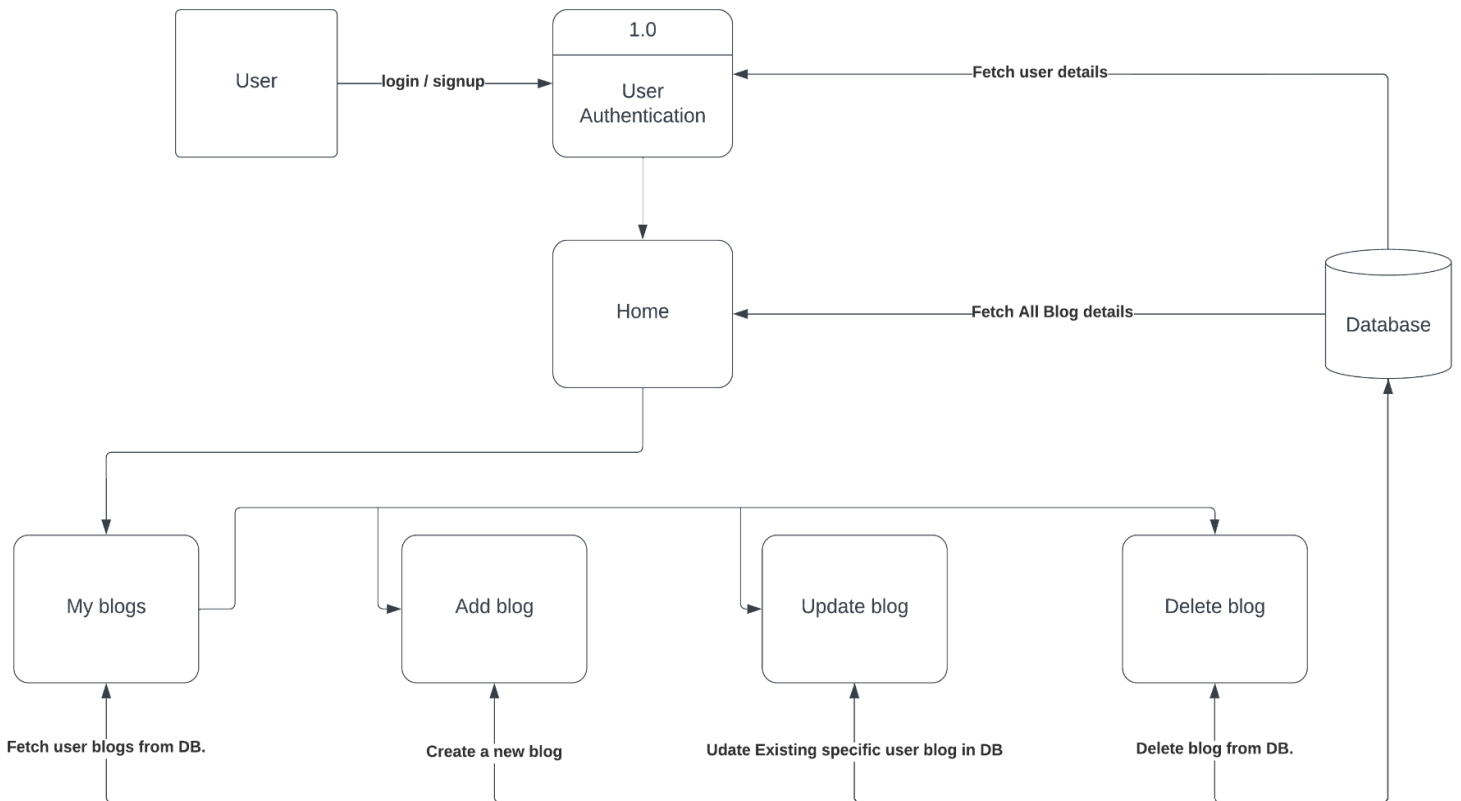
Hardware Requirements

- An Intel Pentium 4 processor or later that's SSE3 capable
- 512 MB of RAM
- 256 GB HDD

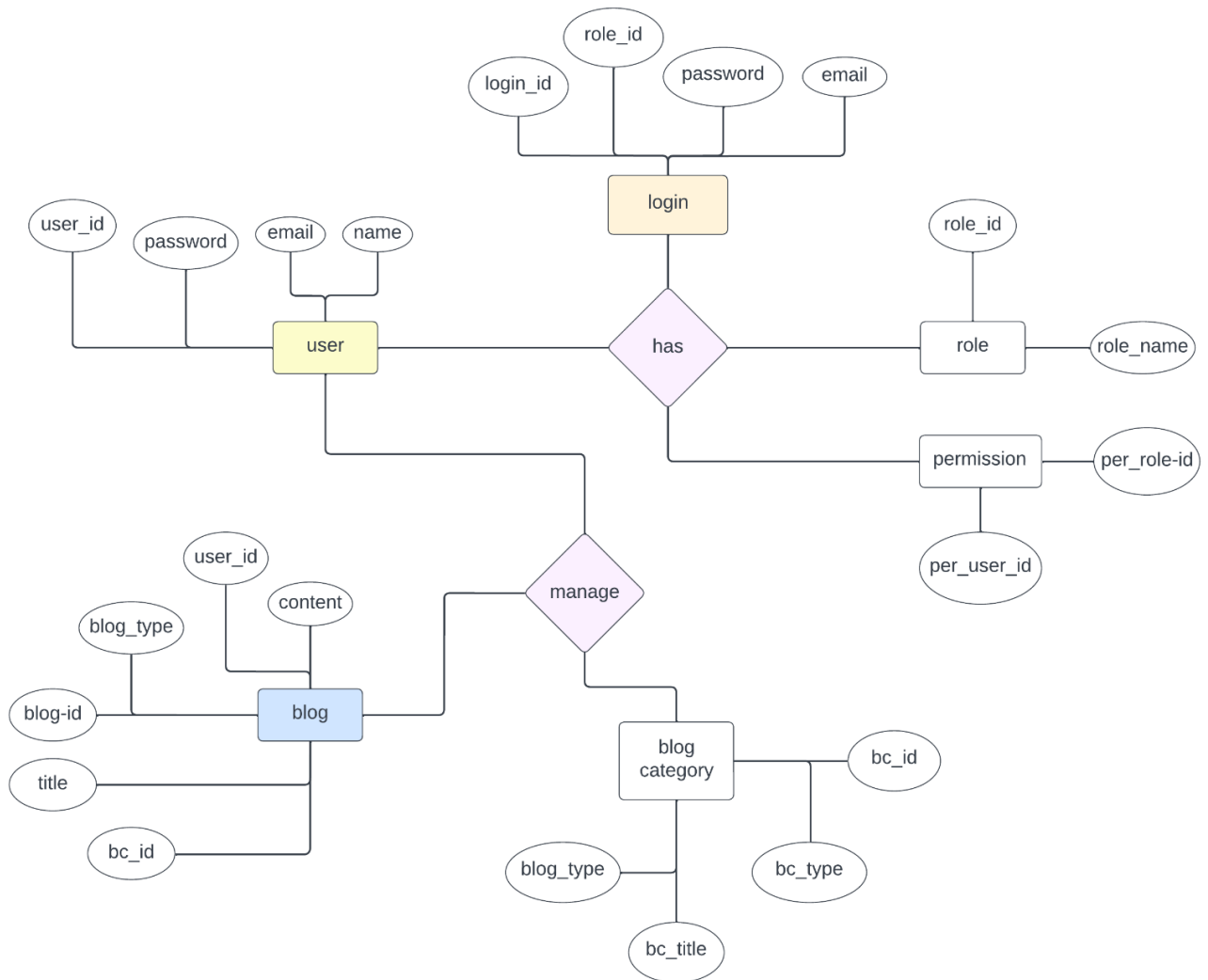
Software Requirements

- **windows**
 - Windows 7, Windows 8, Windows 8.1, Windows 10 or later.
 - Web Browser
- **Mac**
 - macOS High Sierra 10.13 or later.
 - Web Browser
- **Linux**
 - 64-bit Ubuntu 18.04+, Debian 10+, openSUSE 15.2+, or Fedora Linux 32+.
 - Web Browser
- **Android**
 - Android 7.0 Nougat or later.
 - Web Browser

Data Flow Diagram



ER Diagram



Conclusion

“College Post” is a very useful blogging platform, where users can post and see blogs & information. Posts will have tags as categories which will help users to find blogs & post blogs to the targeted users. It is a student focused blogging platform, on which college information can be shared also.

It will create a motivating environment around users to share their knowledge with others & learn new things.

Reference

1. <https://reactjs.org/docs/getting-started.html>
2. <https://www.mongodb.com/docs/manual/>
3. <https://expressjs.com/en/guide/routing.html>
4. <https://nodejs.org/docs/latest-v16.x/api/>
5. <https://www.geeksforgeeks.org/mern-stack/>
6. <https://www.javatpoint.com/web-application>