A synopsis Report on

PERSONAL BLOGGING WEBSITE

Submitted in partial fulfillment of requirements for the award of degree in

DEPARTMENT OF COMPUTER SCIENCE
OF BENGALURU CITY UNIVERSITY
BENGALURU

Submitted by :-

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(NAAC Re-accredited with 'A' Grade)

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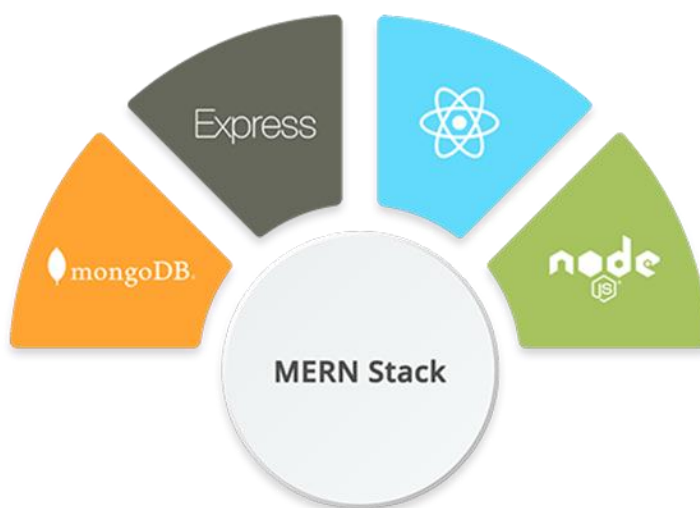
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ABSTRACT

Title :- BLOGHAVEN

"BLOGHAVEN" is a web based project/application for students of Acharya Institute. The main objective of this project is to bridge the gap between the students studying in the same college. Through the blogs which are only accessible by students of their own college, they can freely share creative ideas, thoughts and express their opinions on any topic of their liking.

This is an exclusive blog website where only the users with *acharya email address* can access the website. It will be updated with new information on an ongoing basis. It normally consists of a collection of posts. Posts may be short, informal, controversial, or more professional. Blogs can be updated consistently and provides the option for readers to comment or ask questions on individual posts. This means that readers can engage with the blog posts writer in a different way than they are the main site pages.

It will be a **MERN** stack application which uses **ReactJS** with **Material-UI** (framework) for the front end styling and in the back-end **NodeJS** with **ExpressJS** (framework) is used. The data is stored on a serverless database called **MongoDB**.

MODULES

- **Login :- This is the default page where the user has to enter the valid credentials to access the website.**

- **User :-**
  - ✓ **Can sign in**
  - ✓ **Can create a blog with image, title and content**
  - ✓ **Can delete or update their previous blog's title, image and content**
  - ✓ **Can comment their opinion and thoughts on other people's blog.**

SYSTEM REQUIREMENTS :

1. ### Hardware Specifications :

   - · **HDD**   **: 40GB**
   - · **RAM**   **: 2GB**
   - · **Processor**   **: i 3 or higher**
   - · **Keyboard**
   - · **Mouse**

2. ### Software Specifications :

   - · **Technology**   **: JavaScript, HTML, CSS**
   - · **Client Side**   **: ReactJS, Material-UI (Framework)**
   - · **Server Side**   **: NodeJS, ExpressJS (Framework)**
   - · **Database**   **: Mongo DB**
   - · **OS**   **: Windows 8 or higher & Linux**
   - · **Browser**   **: Google Chrome**