FULLSTACK PROJECT II
SYNOPSIS

(2020-2021)

MEMORIES

Synopsis

Team Members

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CERTIFICATE OF APPROVAL

We hereby certify that the proposal for the project entitled “MEMORIES” by our group of course computer science has been prepared after due consultation with us. The proposal has our approval and has, to us knowledge, the potential of developing into a comprehensive project work. We also agree to supervise the above-mentioned project till its completion.

Signature of Supervisor: …….....

Name: ……

Designation: ……..

Mobile no.: ……..

Address: …….

Introduction of the Project:

Today Developers around the world are making efforts to enhance user experience of using application as well as to enhance the developer's workflow of designing applications to deliver
projects and rollout change requests under strict timeline. Stacks can be used to build web applications in the shortest span of time. The stacks used in web development are basically the response of software engineers to current demands. They have essentially adopted pre-existing frameworks (including JavaScript) to make their lives easier. While there are many, MEAN and MERN are just two of the popular stacks that have evolved out of JavaScript. Both stacks are made up of open-source components and offer an end-to-end framework for building comprehensive web apps that enable browsers to connect with databases. The common theme between the two is JavaScript and this is also the key benefit of using either stack. One can basically avoid any syntax errors or any confusion by just coding in one programming language, JavaScript. Another advantage of building web projects with MERN is the fact that one can benefit from its enhanced flexibility. In order to understand MERN stack, we need to understand the four components that make up the MERN stack(fig.1), namely – MongoDB, Express.js, React and Node.js.

Objective:

The objective of this project is to design simple social media applcation using MERN. The project will be divided into following different modules.

1. Header section
2. Cards section
3. Form section

Team Contribution

Teamwork plays a vital role to make any project successful. It needs participation of every single member. Our team comprises of four members and work will be equally divided among each member so that every member of the group can contribute and can give their best efforts on the project.

Repository link:

https://github.com/maheshwarinaman/MEMORIES-FULLSTACK-II-

Software and Hardware Requirements.

Hardware Requirement:

PC or Laptop consisting Processor Intel core i3 or above ,RAM 4.0 GB or above, Hard Disk 500GB or above

Software Requirement:

- VS Code,
- Github
- Google Chrome

Resources used

The technologies that we have used in making this project are

- HTML: Page layout will be designed in HTML
- CSS: It is use for designing
- JAVASCRIPT: To Program the behaviour of web pages
- MongoDB: **MongoDB** is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.
- ReactJS
- Express JS

Advantages of the system proposed:

- User friendly interface
- Easy to use for a person who is familiar with technology

Limitation of the system proposed:

- Limited information provided by this system
- Since it is an online project, customers need internet connection
- Heavy traffic leads to failure or long wait issues
- Only runs on system which has backend

CONCLUSION

Online has got clear advantage over the manual system. The Online system is more reliable, efficient and fast at the end of the project. We can say that online websites play a very crucial role in the development of firm. Thus, we have proposed MEMORIES by which user can post their memories and socialize with friends easily.

References:

- https://www.w3schools.com/html/default.asp
- https://www.w3schools.com/css/default.asp
- https://www.w3schools.com/js/default.asp
- https://www.wikipedia.org/
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