**MINI PROJECT – II**

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**Web Development**

**SYNOPSIS**



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**Index**

Idea and Motivation….………………...…....2

The Problem Statement………………...…....2

Objective...……………………………..........2

Audience Target.…………….…….…………2

About…………………………………...…....3

Technologies Used.….…………….………....3

Future Prospects...…………….……….……. 3

Requirements…………………....…………....4

Conclusion……………………....…………....4

**Idea and Motivation for the project**

I have always been a great technology enthusiast. So, it was just another day when I was just going through my instagram trying to reduce my boredom, I got struck with an idea that wouldn’t it be great if I can share my photos and videos on a page created by me. How cool would it be to just exactly learn how do apps like instagram function rather than just using it for fun. Not only that I could post photos and video online but now I can learn the functionality of the sites like this also it would be beneficial for my engineering life. So that is how I got the idea of building a website which allow us to post things online. It would allow the users to post their things online and get views of others. I know I could have simply looked up the internet and would have installed another fancy app but I didn’t. The fun of making something like this is simply amazing and that is the reason I decided to build this as a mini project.

**The Problem Statement**

How can we share our ideas or works by just posting their photos and videos.

**Objective of the project**

The purpose of this application is to share the photos and video of the user to a wide audience. And the audience can watch the things posted.

**Audience Target**

This web-based page would be for every everyone who want to share their photos and videos to other audience. Users can start by just logging in to our page and posting their photos and videos. It will be perfect for people looking to get views of others on their work(photos and videos of their work).

**About the project**

The major feature of this web page would be the users posting their photos and videos on our page, also with an option to watch other user’s post. It would list all the post of other users. The users will have the facility of logging and signing up into their personal accounts. Then the users after logging into their accounts will have the both options of either posting their work or watching other user’s post. The page will be developed with all the modern Full Stack technologies. It would be made fully responsive to render across all the different devices. It would also be scalable for future integration and development with production level servers and technologies.

**Technologies Used**

* JavaScript
* NodeJs
* HTML
* CSS
* PHP
* BootStrap
* Version Control with Git

**Future Prospects**

This page could be integrated well with technologies like Data Analysis and Machine Learning. With the power of Data Analysis and Content Recommending Engines, the user can be projected with the filtered content based on their history and their areas of interests. For instance, user “A” has watched post “X” and “Y”. Now if a user “B” searches for post “X” then the system will automatically suggest “Y” too from the data collected about user “A”.

**Requirements**

1. **Hardware:**

* A computer or any portable device connected to the internet and with bare minimum specifications.
* Minimum: 1.5Ghz, Dual Core, 2GB of RAM.

1. **Software:**

* Standard Web Browser like Chrome, Safari or Firefox

**Conclusion**

So overall this page would be a blessing for all those creative content creators who like to post their work by directly connecting to their audience. It would be developed with all the love and dedication using modern Full Stack Technologies. Once completed, this page would be fully deployed on the internet, with the potential to get accessible easily across all the different devices.