**SLOP – 2022 PROPOSALS**

**TEAM:**

**Personal details:**

1. **Name:** Aditya Khattri

**GitHub:** <https://github.com/adityakhattri21>

**LinkedIn:** <https://www.linkedin.com/in/aditya-khattri/>

1. **Name:** Manish Madan

**GitHub:** <https://github.com/ManishMadan2882>

**LinkedIn:** [https://www.linkedin.com/in/manish-madan](https://www.linkedin.com/in/aditya-khattri/)-79aa371b6

1. **Name:** Vaidik Singh Nirwan

**GitHub**:

**LinkedIn:**

**About Us:**

We are freshman in B.E in Dayananda Sagar College of Engineering , Bengaluru and have been doing MERN development for about a year now with experience in both frontend and backend technologies. We are exploring the vastness of Open Source projects and are looking forward to contribute to them in order to learn various technologies involved and current practices been adopted in development. If accepted we look forward to work in the projects that will add greatly to our learning curves and also provide us experience of working in teams . We look forward to complete the projects in time and complete it according to the inputs received by mentors as well as our vision for it.

1. **Blog App**

**Why this project:**

This project aims at developing a blog website. The technologies used include HTML, CSS , Javascript , NodeJS , Ejs ,Express ,MongoDb .The RESTful protocols are used for CRUD operations in the database .The project is made using modern MERN technologies and is a very informative . Our skills include and are not limited to both frontend and backend technologies mentioned in the project. Our aim is to contribute in this project and use it as a way to apply what we have learnt , test our knowledge, get a hands-on experience in working with Open Source Projects and also learn many new technologies required to complete the project.

**Current State:**

Currently the website Is a complete WebApp with database to store the new blog entries . The frontend of the website is clean with simple design to show blog entries in list form . On clicking the Read More button we are directed to the complete blog where we can delete or edit that particular blog entry. The input page is also present which gives user clear instructions of what to input to make a blog entry . The inputs taken are blog title , image URL and the content of the blog. Like any other project there are areas where improvements can be made to make it more user friendly , secure , beautiful as well as cater to the motive behind this project. Some of these proposals are mentioned below.

**Proposal:**

1. We plan to integrate a login/register page with appropriate changes at the database. User will be asked for his/her Full name ,e-mail , password. Open Source OAuth service will be integrated using GoogleAPI or FacebookAPI . This will allow the user to register in the website using their Google Account . This will not only increase the security of the website but also provide a more user friendly approach.
2. As of now anyone can read the blog and update or delete it . We plan on creating a website where anyone can read blogs but only registered users will be able to create a new entry. Only registered and authenticated user will be allowed to update/change their blog entry.
3. User can save his/her blog as a draft or as a published blog. Each blog will contain a timestamp of its last draft as well as its published date thus providing users with a netter management of their blogs.
4. A search bar will also be provided where we can search a blog based on tags associated with it. This will enhance the User Experience on the website and also make it easy for user to navigate through blogs rather than scroll through them .
5. Further we are also willing to change the Front-end , make it a more user-friendly as well as make it responsive for various viewports like mobile phones , tablets ,laptops . We also plan to add pagination to the webpage .
6. Changes in backend will include but are not limited to customizing RESTful routes , making the code more readable by adding appropriate comments , making necessary changes in db schema. We are planning to make these changes as well as are open for any suggestion regarding our proposal as well as addition of new features.