**MAJU CONFESSION PAGE**

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**Acknowledgment**

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We have created this project for the betterment and effectiveness in the process of communication between the students and the staff of the university. And finally, we have highly benefited by this and have gained a lot of knowledge about the various process and techniques in our project.

**Abstract**

We have developed web-based social network platform for the Mohammad Ali Jinnah University, where all members of university can interact with each other. This platform will help members of the organization to stay connected with all the author members. Students can easily interact with their teachers and teachers can also easily interact with their Students if student is having any difficulty regarding studies they can interact with their teacher on this platform. Because of busy schedule student and teachers cannot interact other than class so this platform will be great opportunities. Students can get help from other students as well admin will be the person managing everything. Admin have authorities for e.g. he can delete post of users, he can also delete comments. User can post photos, videos and documents. User can share photos and videos of picnic, seminar or any other events. Other user can also like their post and dislike their post and can also comment their post. Admin can also post announcement in the system. Admin have right to post announcement. These Announcement will be seen on a slider.

**Introduction**

We have made the Confession page of MAJU students so they can make their confessions there, remaining their identities hidden.

**Overview**

We develop an online web-based MAJU confession page for Mohammad Ali Jinnah University using flask with python that can be used for building a platform where the students can share their ideas, concern their problems by posting their problem, either the admin of the website or other students can sort out their problem.

**Background study**

The project idea is simply being adopted from the social media sites like as Facebook, Twitter, Instagram etc. The author of this project required a deep and keep research of project development methods and tools and prior learning from online tutorial.

**Method and Review**

We have conducted demonstration of our project to the teachers. They show positive reviews, our project is possible with the current technology, there is a risk involved that a user may not like our designs, application and we will make an effort to provide a good and user friendly interface.

**Project Scope**

Our aim is to build an environment where the student and teachers can communicate through live post, Comments and through chat as well, The student now days basic problem and university like any issue is rising have to move physically from one department to another department, For cancelling any teacher they first must have to appear at university if they are absent they cannot be able to communicate specific teacher or any platform like mobile or social network like Facebook so our project cover these all problems and provide solution for each the student teacher as well as university member.

**Assumptions and Dependencies:**

1. This Project is error free
2. The user can’t enter irrelevant data because admin will monitor it.
3. The Project will guide the user about the upcoming events.

**Tools And Technologies**

**Html:**

Html is a markup language, we have used html for creating a basic structure of our websites, and in all of our modules and page we have used html.

**CSS:**CSS is a language of websites in which we can make websites styles more attractive we have used CSS in all our modules and pages.

**Bootstrap:**

Bootstrap is a CSS framework. We have used CSS in all our pages of the profile because it lets us to make website responsive easily without using Bootstrap we can face difficulties to make websites responsive and can be time taken process.

**Firebase:**

Firebase is a Backend as a Service or BAAS, meaning it is a No SQL data store that is in the cloud that your clients can access directly in real time. Now this means Firebase has its own Real time Database, Cloud Storage, Authentication, Hosting and many other services.

**Flask:**

**Flask** is a Python web framework. **Flask** can be used for building complex, database-driven websites, starting with mostly static pages. Is this answer still relevant and up to date? **Flask** is a micro-framework for Python. It allows you to build websites and web apps quite rapidly and easily, it's really good and light.

**Project Management:**

Our project is basically working with three different things which are divided in 5 group members. The things we are using are as follow:

1. Flask
2. Firebase Database
3. Bootstrap

**Firebase Database:**

The data base management, which is saving the post in database, comments is done by

**Mr. Daniyal Raza**

**Flask:**

The Connectivity of flask with Bootstrap and database and connecting styles files and images with templates is done by

**Mr.** **Muhammad Taha Yamin.**

**Bootstrap(Templates+Designing):**

Bootstrap is for making our frontend and its code is divided in three members

**Ms. Sonia Suleman** has made about us page, sponsor section on the main page and had designed event page

**Mr. Fahad Khan** has made the post boxes on the main page and had manage to generate it by loop.

**Ms. Lohna Zehra** has made the nav bar and connected it with every page

And made the user id section.

All the codes of every member (separate) are on GitHub repository in folder CODE.

**Conclusion:**

We created the MAJU Confession page, with a lot of effort and struggles along with the team. It is basically a platform where people can come and confess what they are experiencing in MAJU, like if a student is experiencing some sort of difficulties and wants suggestions of his seniors without letting them know his identity, it is the best platform for him. Our page is generating the post and it has the features of commenting in the post. We have designed our page through Bootstrap and CSS that gives it a beautiful and elegant look.