##### Feedback System

##### A PROJECT REPORT

###### *Submitted by*

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***of***

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IN

**Graphic Era (Deemed to be University)**

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**Introduction:**

Feedback is an important part of a curriculum in colleges and in the field of education. It helps the teachers and professor to improve upon their teaching style and make it better for the coming batches. It also helps students who aren’t that vocal to tell the teachers where they find them lacking and how they would like to be taught and what changes they can bring, and things they should not change about them. This feedback system will help use of indigenously developed software rather than Google Forms.

**Motivation:**

I had worked on my basics HTML, CSS and JS and wanted to try and implement them on a project with some value. While building this project I would also be able to learn and apply backend programming giving my web developing techniques an extra addition. I was also motivated by the fact that our college didn’t previously have a Feedback System and only Google Forms were used for this purpose, so implementing this and further improving on it later might help the college too.

**Technologies:**

There were various technologies that were used for building this application. The front end is entirely built upon HTML, CSS and JavaScript. The websites were first designed using Figma and then later implemented using the above-mentioned tools.

The backend of this project is entirely based on JavaScript. Modern technologies like Node.js were used for the implementation of the same. Since I already had worked using JavaScript before implementing Node.js felt like the right choice for using it as the backend technology.

For the database of this application, MySQL was used because it’s famous for its reliability and simplicity for beginners.

Lastly, Visual Studio Code was used as the primary code editor as it has various extensions and is seemingly lightweight. It provides with a fun environment to develop in and is very popular amongst web developers for its reliability.

**Methodology:**

The methodology for building this project was to divide and do it in parts.

1. First, I came up with the design idea and then implemented in Figma to give myself a basic idea how I wish my website to look.
2. After finishing the design of my page coded all the HTML and CSS for the same.
3. Then I started on the backend files and made the login function for the app. Since there are 3 types of users (admin, student, professor/teacher), there are different dashboards for all of them.
4. At first the database has no login for students and teachers but only an admin profile.
5. The admin then logs in and will have the options to upload students and teachers from webpage and they can write and read feedbacks respectively from their dashboards. Admins can also read feedbacks.
6. We use various libraries like express, etc. to achieve uploading the feedbacks and accounts and send them to database.

**Summary:**

Feedback Systems are necessary for the overall and hand in hand growth for teachers/professors and students and is a must so that there can be changes and the same repetitive style of studying which is not appreciated by the students is not continued. Feedback System also helps the college to know how teachers are improving upon themselves according to the feedback they receive every semester.

This code can also be accessed from my GitHub Profile:

<https://github.com/BajajPratyush/Feedback_System>

**Bibliography**

* <https://www.w3schools.com/>
* <https://expressjs.com/>
* <https://nodejs.org/en/>
* <https://dev.mysql.com/doc/>
* <https://geeksforgeeks.org/>