

Project Topic: Eval – Let's Learn & Assess

Project Group Members:

1. Rohan Bhardwaj (Sec - D, Roll No. - 28, Univ. Roll No. - 181500589)
2. Vimal Mishra (Sec - A, Roll No. - 61, Univ. Roll No. – 181500792)
3. Vanshika Mahle (Sec – A, Roll No. - 59, Univ. Roll No. – 181500781)
4. Shivani Chauhan (Sec – A, Roll No. – 53, Univ. Roll No. – 181500678)

Project Supervisor: Mr. Pankaj Kapoor, Assistant Professor

Introduction to the Project:

Online Learning has become very popular over the last few years. The COVID-19 pandemic has re-shaped education as more students are opting for distant learning. Due to this, many websites and applications are coming up with innovative ideas to teach students in an easy and effective way.

Recent studies have shown that 65% of the students who are preparing for JEE Main and IIT may adopt complete online learning by 2021. With the help of online learning, education can reach all corners of India as only a smartphone with a stable internet connection is required. We can get instant test results which help us to improve our skills. We can get study materials, videos, and mock test series, all available at a single platform.

Problem Statement:

The demand for online platforms for test preparation is growing over the years. With an online learning platform, one can learn and enhance their skills. Learning online is affordable as compared to traditional learning.

With lakhs of students preparing for IIT JEE and under 1% of students qualifying each year, an online platform will be a major helping hand to those who cannot bear the expenses of renowned coaching institutes. They can learn, practice, and test their learnings to improve their performances.

Objective of the project:

The project proposes an idea to develop a platform for IIT JEE aspirants to learn, practice, and evaluate their skills.

The website will contain related study materials, video lectures, and mock test series for practice to improve the students' performance.

Working Methodology:

In this project, we will create a website to help the aspiring students of IIT JEE by providing a complete roadmap to prepare for one of toughest entrance examinations in the world.

Along with the study materials, students will have access to the video lectures of the topics to get better understanding of the concepts. The aspirants would be able to test their knowledge and improve their performances to get good scores. An MCQ based quiz assessment will be available with time constraints which would help them to solve the questions within limited time. We will provide better content and materials for preparation which would help the aspirants achieve greater results.

The platform will be of immense help to those seeking an all-in-one platform to get study materials and mock test series in order to prepare for the entrance examination.

Requirements:

- **Hardware Requirements:**

A computer with minimum 4GB RAM and Core i3 processor

- **Software Requirements:**

Visual Studio Code, Google Chrome, Git, and GitHub

- **Technologies Used:**

HTML5, CSS3, JavaScript, Bootstrap

Team Contribution:

- **Rohan Bhardwaj:**
Create MCQ Quiz layout.
- **Vimal Mishra:**
Create Content page layout, Add Study Materials
- **Vanshika Mahle:**
Design Quiz Section and Contact Page
- **Shivani Chauhan:**
Design Landing Page, About Us Page and Add Study Materials

Limitations of the project:

There is no back-end included in the project for login to use extra features.

Online Git Repository:

Link: <https://github.com/RohanBhardwaj/Eval>

Conclusion:

IIT JEE is indeed one of the toughest examinations in the world. The coaching for JEE is an industry valued at billions of rupees. In order to help the students who cannot afford to get into coaching institutions due to lack of resources, we will create a website for IIT JEE aspirants, utilizing a variety of mark-up & style sheet languages to write web pages required for the theme, and layout design. The project helps to build all aspects of the user experience and user interface for client-facing landing pages. Also, we will optimize the web pages for maximum speed and scalability using various technologies, ensuring web design is optimized for smartphones too.

References:

- <https://developer.mozilla.org/en-US/>
- <https://www.freecodecamp.org/>
- <https://www.w3schools.com/>

Signature of Project Guide: _____