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PSLEXAMSYS: A SINGLE CLICK A AWAY

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ABSTRACT

This Application is Based on a Web-Application that Helps to Take online Tests , The online examination portal not only replaces paperwork but also releases the workload of faculty The software is developed using Python, Django Flash and MYSQL In the software we can register as a user and users are of two categories which are Admin means users login Teachers login and students login. The online examination system obtained fast and accurate results. This application will provide a good information for faulty and student

Keywords:- user login, examinee Examination, Automatically Marketing , Query of Results

1. INTRODUCTION

The core Objective of our project is to Develop a Exam Application in the form of user-friendly Web Application.

This Application will empower users to Login and Examinee Supervisors the examination ,this application is take marketing automatically. If the students of a Query about their result or Questions they ask the faulty.

- This Application used to generate results online , by just adding Questions and answers.
- this online exam application user can login and have access to adding courses, question and can approve the faulty .
- Who can you sign up through application, which requests need to be approved by the admin once approved the teacher can login and add courses.

2. METHODOLOGY

2.1 Project Scope: The project scope would be very useful for educational institutes where regular evaluation of students is required. Further it can also we useful for anyone who requires feedback based on objective type responses.

2.2 Data Collection and Scraping: Our backend infrastructure is implemented in Python, leveraging essential libraries such as requests and selectorlib for the purpose of scraping HTML data. This approach allows us to efficiently retrieve and process product information from the targeted platforms.

2.3 Integration with Web Application:

- Integration with the Student Information System (SIS) that is implemented in-house reduces the setup steps and thus improves usability. Similarly, the SIS should also gain direct access to the exams data and hence make it available in the respective student accounts.
- Integration with the Accounting Information System (AIS) that is also developed in-house and student financial accounts. financial accounts and thus eliminate the need to import that information in order to validate
- It also provides multifactor authentication and authorization for stronger security
- It enables the generation of various reports that facilitate the analysis and documentation of exams

3. MODELING AND ANALYSIS

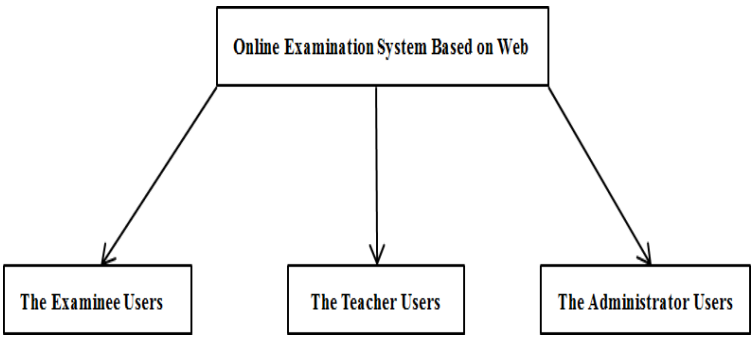

Figure 1: the diagram of system structure

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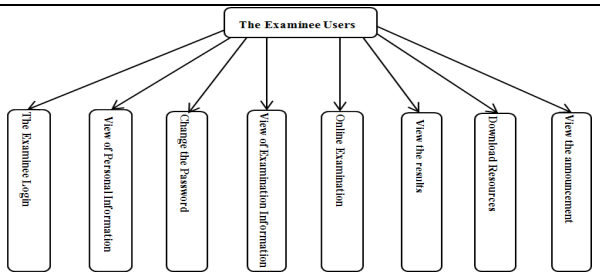

Figure 1.2 : The diagram of examinee users

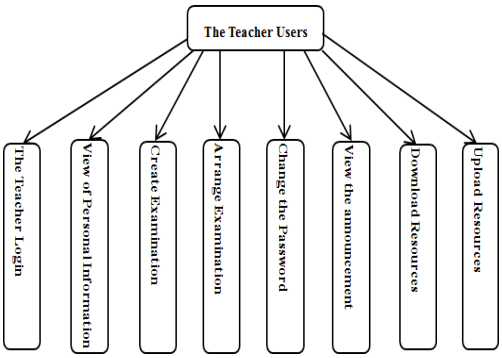

Figure 1. 3 the diagram of teacher users

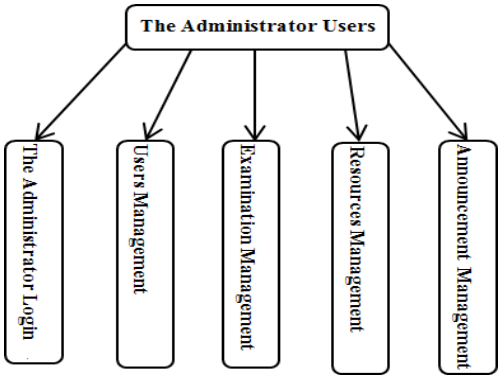

Figure 1.4 the diagram of administrator users

A use case diagram visually represents how users interact with a system, outlining the system's functionalities and thevarious ways users can engage with it.

4. RESULTS AND DISCUSSION

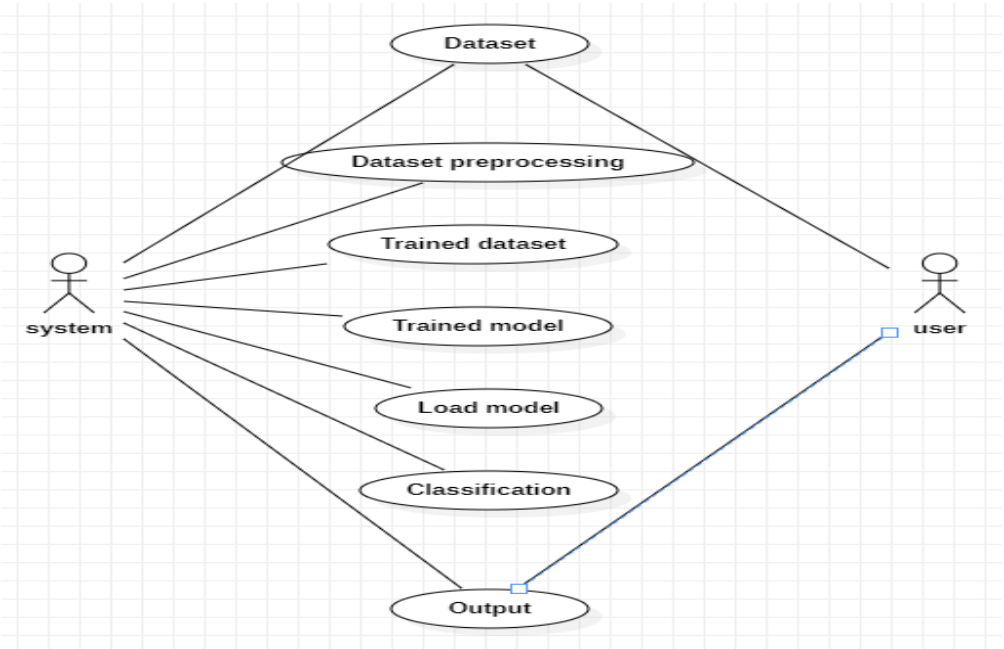

Figure 2: Use Case Diagram

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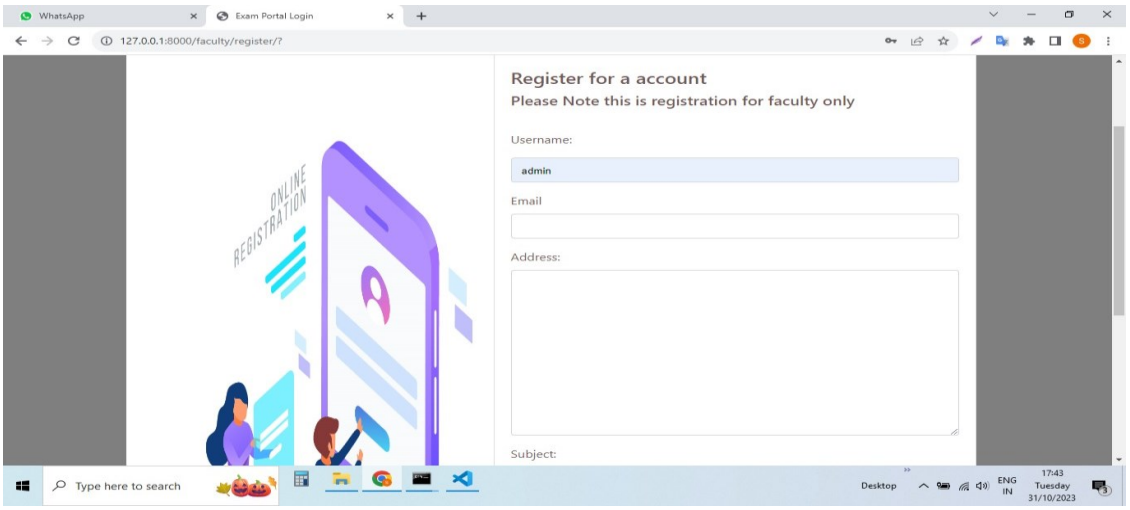

Figure 1: Registration Pages For Faulty

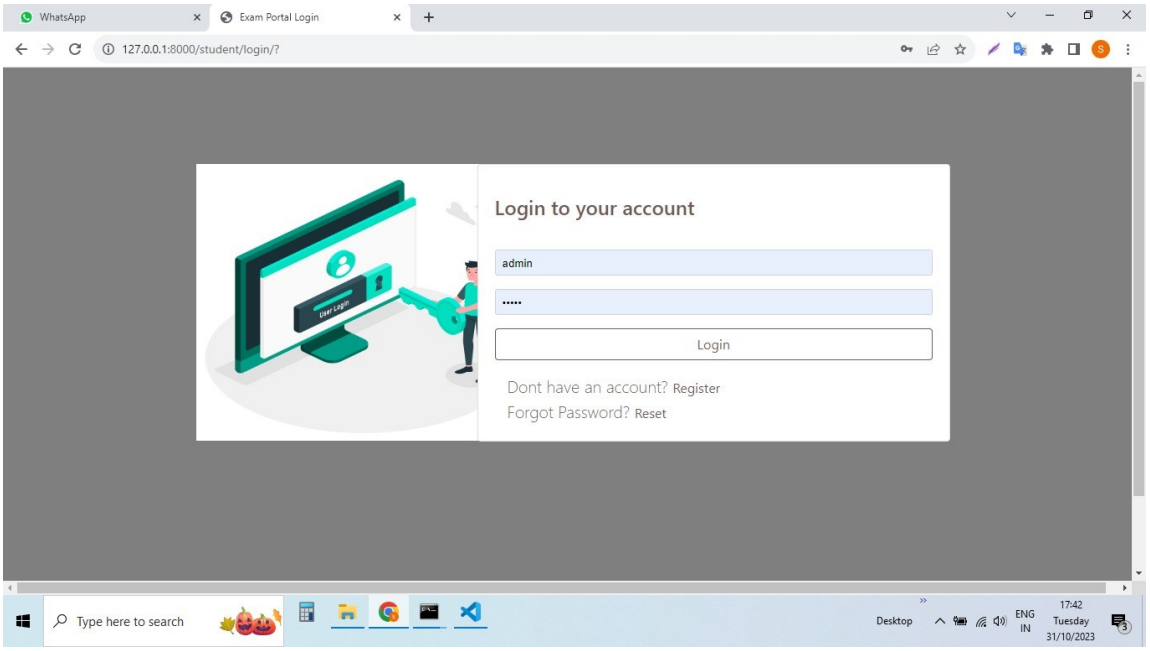

Figure 2 : Login Page For Faulty

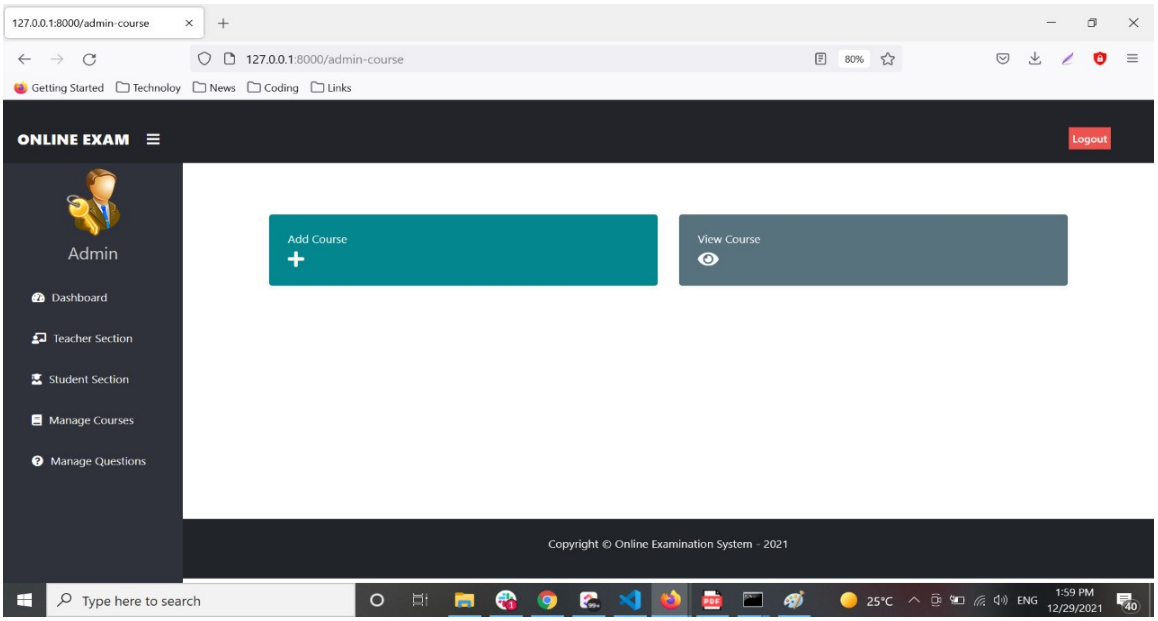

Figure 3 : Home Page for Admin

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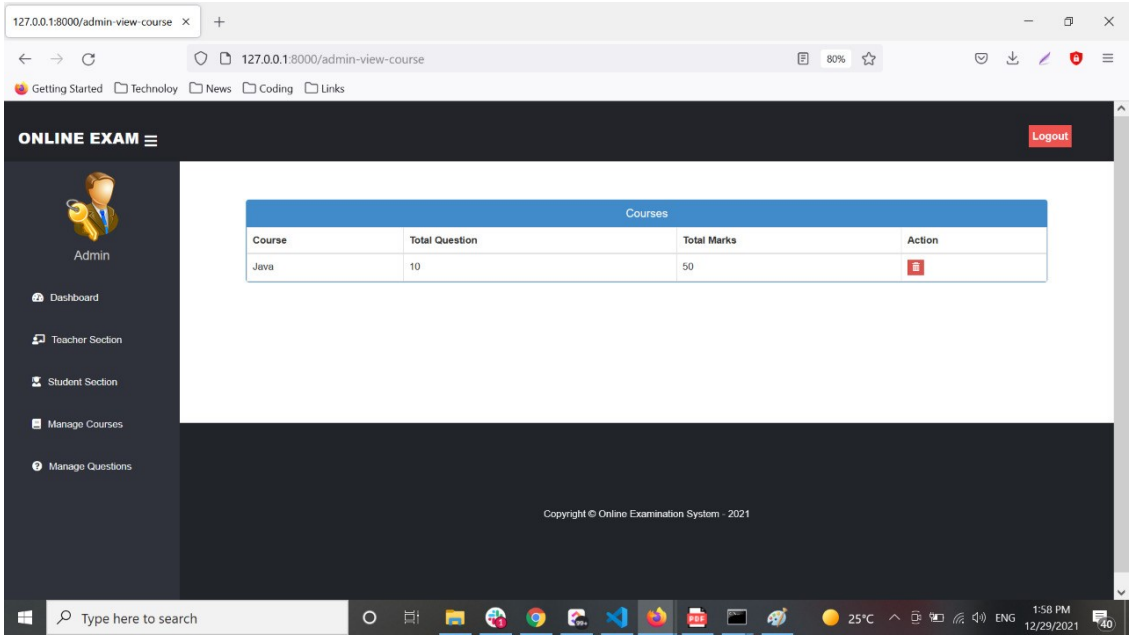

Figure 4: Courses List Pages

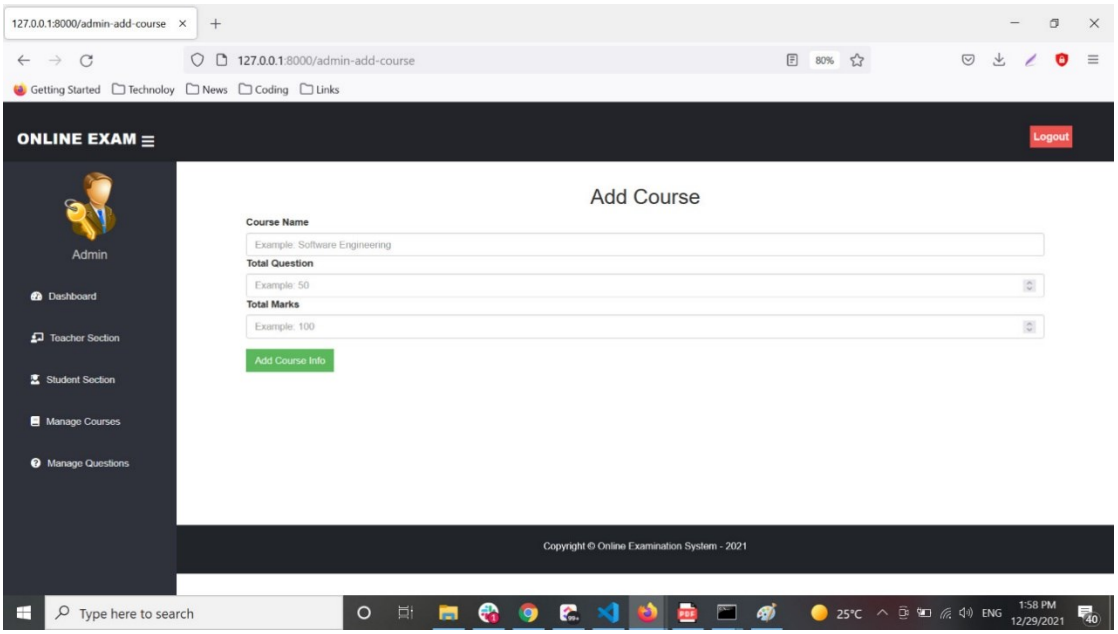

Figure 5: Adding Courses pages

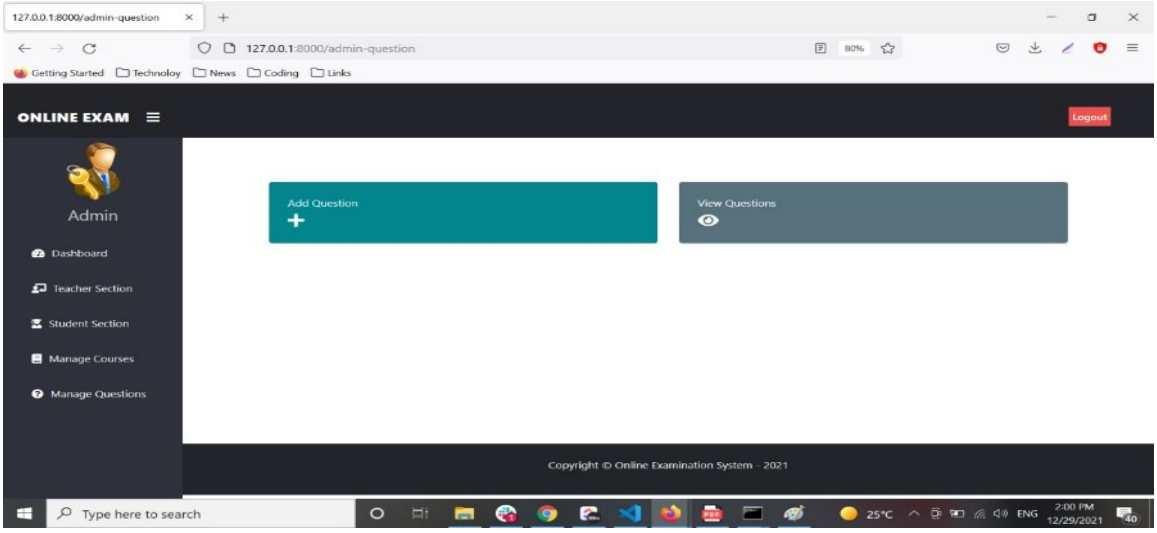

Figure 6: Question Paper's Adding Page

5. CONCLUSION

Online learning has become a major player in the education sector. Even with the presences of rapid advances at technologies that are related to the online exam proctoring, still, there are many challenges ahead. In this paper, we have focused on the limitations and concerns regarding the online proctoring. The two main concerns were test integrity and student performance. Avoiding frauds and cheating attempts within online proctoring sessions without affecting test-taker's performance is considered to be very challenging. We suggested using the 360- degree security camera over the webcam for improving the proctoring process. A case study was performed to evaluate the usefulness of the usage of such security cameras. The main findings of that case study showed that the level of security against cheating has improved and at the same time did not lower exam-takers' performance. The usage of the 360-degree security cameras has allowed test takers to focus more on their exams without being distracted by sudden proctor's requests and instructions. to write down their notes and scratches without being out of the camera's vision. In this research, we have also proposed a more advance proctoring model. It provided more scheduling flexibility and reduction of human error and resources cost. In the proposed system model, no real-time proctoring is required, thus lowering the number of needed proctors. In case of any suspicious events, several algorithms will capture these events and provide separate recording files that will be reviewed later on by an assigned proctor. Finally, as long as new technologies emerge, such as Snapshot glasses, online proctoring will still continue and become more effective. Nevertheless, many test-takers will still try to beat these proctoring systems. Similar to the traditional face-to-face proctoring, many cheating incidences still occur, but with these systems and technologies, it will be much less.

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