

Common Entrance Management Platform

Project Members:

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Objective:

- Our main objective behind this Project (Common entrance management platform) is to give assistance to every student regarding their career.
- It is been designed to handle some basic problems which a candidate may face.
- This would be a user-friendly platform where candidate can see all the progress of entrance exams in which he/she has enrolled.
- This platform will turn out to be useful as a candidate will not have to visit every separate website to track the progress of exams.
- This platform will also notify the candidate time to time about Hall tickets of every enrolled exams.
- This project will be designed and developed using Python and database related backend will be SQL Server.
- Sometimes what happens that if unfortunately, a student fails to check the status of the exams in which he has enrolled, there are chances that he will miss the exam.
- Main focus of this project is to provide common platform for entrance exams.
- This platform shows every detail regarding the entrance exams like hall ticket release dates, admission form dates, Exam dates.

Scope of Work:

Common Entrance Management Platform allows users fill all his/her details in the form which will enrol the user in that particular exam.

- It allows user to View, Edit, delete his/her Personal details, HSC, SSC details .
- It allows to produce the report:
 1. Exams Report
 2. Exams Enrolled Report
 3. Exams Cleared Report
- Minimal Paperwork
- Saves times in browsing all exams on common platform
- Easy to interact with the platform

System Features:

- It allows to produce the detailed report about Exam wise Dates, Exam Details, Schedule the reminders for hall tickets, Candidate Details.
- Removes paperwork and Saves time.
- User Friendly as there is no need to browse many websites for each different exam.
- Secure database for storing users uploaded data.

Limitations:

- We are collecting the candidate details manually on our platform.
- This platform simply redirects the candidate to the corresponding official exam page.

- In some situations, if however the official website stops working then our platform can't get access to some resources.

Software Requirement Specialization (SRS) :

Collection of Requirements

Requirements analysis is done in order to understand the problem, which is to be solved. That is very important activity for the development of database system. The requirements and the collection analysis phase produce both data requirements and functional requirements. The data requirements are used as a source of database design.

The data requirements should be specified in as detailed and complete form as possible. It is useful to specify the known functional requirements of the application. These consist of user defined operations that will be applied to the database (retrievals and updates).

Data Requirements

User Module:

● User Registration -

1. User Register with name
2. A Username (for logging in later)
3. Password
4. Phone Number
5. E-mail address.

● User Login

1. User Login with Username and Password.

2. User can select the interest exams and apply for entrance exams after logging in.
3. User can upload his/her data. eg: photo , signature etc.
4. Forgot Password use for Retrieve Password.

● **Check Availability**

1. After Login, User, can select available forms as per his choice
2. User can check his/her eligibility to apply for the entrance test.
3. User can apply, register for the exam.
4. A conformation Message will be sent to the email & phone number.
5. A reminder will also be sent to the user 3 days prior for the applied exam.

Admin Module:

● **Admin User Login.**

1. Admin User Login with Admin Username and Password.

● **Form Management.**

1. Admin Can set the reminder time.
2. Admin can add, update, delete the admit card links.
3. Admin Can Add New links.
4. Admin Can Edit Old Form links.
5. Admin Can Delete form links.
6. Admin can generate the reports.

● User Manage.

1. Admin can control the signed-up users.

Functional Requirements:

1. The forms will be displayed after checking the eligibility of the candidate to which exams he can appear for.
2. The platform will be providing the SMS, email notifications and will facilitate the user to add the particular date as a reminder in the Google Calendar.
3. User can later on download the Admit Card issued to him on the website.

Recommended Hardware configurations:

- Intel core i3 2nd generation can be used as processor because it is faster & provide reliable and stable working environment.
- RAM size of 4GB is used as it will provide fast reading & writing capabilities.
- 500GB Shall BE considered for the Storage Purpose
- Operating System can be considered all the versions like Window 7/8/10

Software Requirements:

PYTHON

HTML

CSS

JAVASCRIPT

BOOTSTRAP

MYSQL

Future Enhancements:

We will try to automatize the functionality of our website using API so that the user doesn't have to do majority of the work manually by creating a common gateway for filling the form applications of variety of entrance examinations.