

# TOPIC : ONLINE EXAM PORTAL

## Abstract

Online Exam Portal project in java is a web application that provides a platform for conducting online examinations. This Project is performing all the crud operations like CREATE/RETRIEVE/UPDATE/DELETE functions. It is a web application through which examiners can conduct online examinations and students can attempt those examinations. It helps students in self assessing their results. Examiner can add examination on a date of their interest and enter an objective-type question-answers along with the correct answers. Admin is the main user of the system, and he can control the complete website. Students need to enroll and give the examination. Just after submitting, the students will be able to review their submissions and check the results.

The following are the major objective of the application:

1. To provide an online platform to conduct examinations
2. To allow admin to add examination and set question paper
3. To allow students to give online examination and see results
4. To maintain a complete record of examination and results obtained by the students.
5. To allow any person to access the examination.
6. To provide an platform for users to self assess their knowledge in various categories like knowledge in java,python etc.

There are three types of actors in the application:

### ADMIN

- Admin can view the complete website

### EXAMINER

- Examiner can ADD examination
- Examiner can VIEW/EDIT/DELETE the list of examinations
- Examiner can ADD questions and their respective answers

## **USER (STUDENT)**

- User can VIEW the examination list
- User can give examination
- User VIEW the result list
- User can view his/her Profile

## **Benefits:**

- Helps Students in self assessing their results.
- Reduced administrative burden.
- Quicker to mark and issue results.
- It saves time.
- It saves money.
- It is secure.

## **Working of Natural System**

Student needs to attend the exam in offline mode.He/she must carry halltickets,pen,pencil,etc for entering the exam hall and occupy at their own seats assigned by the authority.Student must not be able to know the results after the exam.The results will be published online.

## **Working of Designed System**

Student/User needs to attend the exam in online mode.He/She can login into the examination portal with their password and attend the same.They can view the result from their own account after the exam.Also they can view his/her Profile and evaluate the results.

Eg: Hackerrank,Examsnet

## **Technologies used**

Back-end: Spring Boot

Front-End: Angular

Database: MySQL