

# EduBridge



A

PROJECT REPORT ON

**EXAM MANAGEMENT PORTAL**

SUBMITTED BY

**PRIYANKA NIKAM.  
OMPRAKASH VISHWAKARMA.  
KANHA SAHU.  
AMEY MORE.  
RABI NARAYAN SETHI.  
SIMA BIKKAD.**

Batch : 2022 - 7904

Center : Salem-Alagapuram

Under the Guidance Of

**Jayanth Vellingiri.**  
(EON Master Trainer)

**EduBridge**  
(School of coding)

# Introduction

In the world of internet, all task has been done through internet, so we have decide why Exam has not conducted through internet. For convert current exam system into digital exam system, we have build this small Exam Management Portal project. it will be more accurate and less time consuming and at the same time we can conduct more person exam at the same time and it will publish result in a very short time.

In an Exam Management Portal examine/user get their user id and password . This id is already saved in the system. When examine/user login to the server he/she get his/her profile already register. On the certain time examine start the examination. All answers given by examine are saved into the server with his/her profile information. Exam Management Portal also allows to correct the answer if the examine needed to change any answer in the examination time duration, however, after the time duration any change will not allow. This also makes checking the answer easy and error proof as computers are more accurate than man and provide fast results too.

## **Modules:**

1. Admin: Admin panel is specially designed to facilitate all tasks that need to be done or attempted by the student user.
2. Registration: Before login user has to register his Name, Email-id, Contact number, User-id and Password to the system.
3. Login :Login with the registered credentials and then move to the interface where available exams are shown.
4. User: A user here is a student basically but we can say it, user, here. One needs to provide his details like name, address, number of the contact and email. These are required then enter his hit to make it saved in the database. Then we need to use the credentials for further access.
5. Category: Admin can add multiple categories of quizzes.
6. Question: Admin is responsible for all kind of operation in the exams of students he designs the question paper according to the subject in the portal.
7. Quiz:: Next, we have the interface for the students where one can after login see the quizzes available in their accounts and then they attempt that on particular venue provided for a particular duration of time and then he can move in the portal too the selection of attempt questions and can finish before time as their wish.

## **Software Requirements :**

**Back end :** Spring Boot, java.

**Front end :** Angular11.2.10.

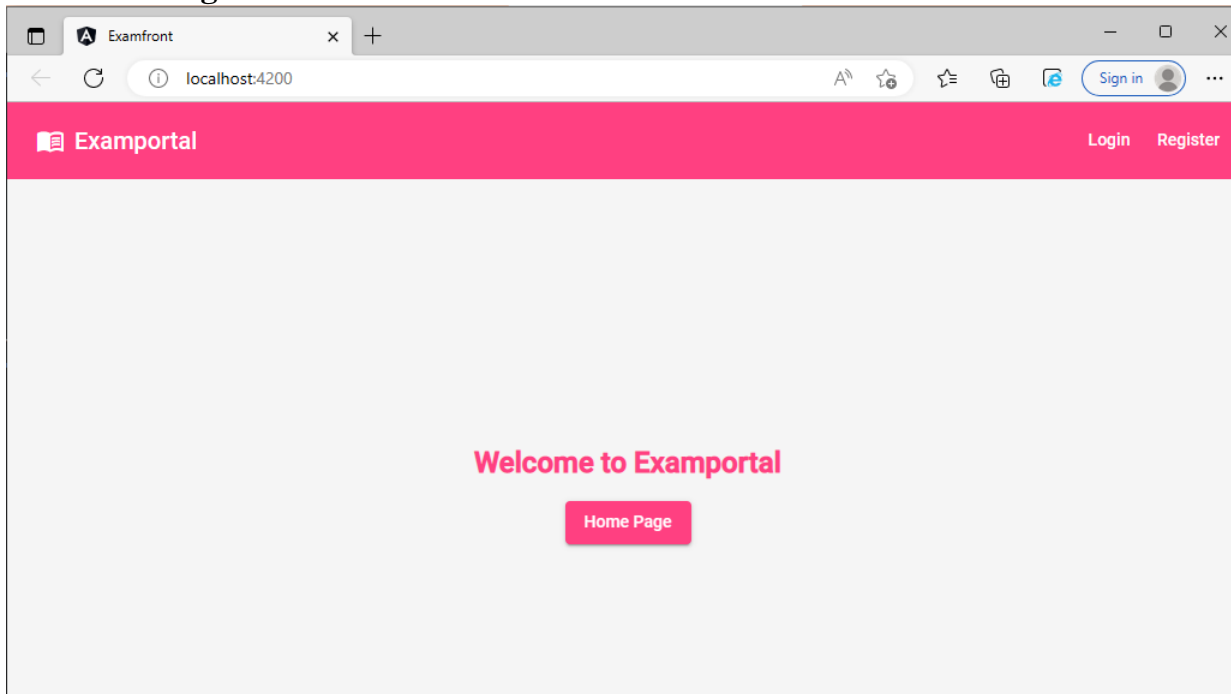
**Database :** MySQL.

**IDE :** Spring Tool Suite.

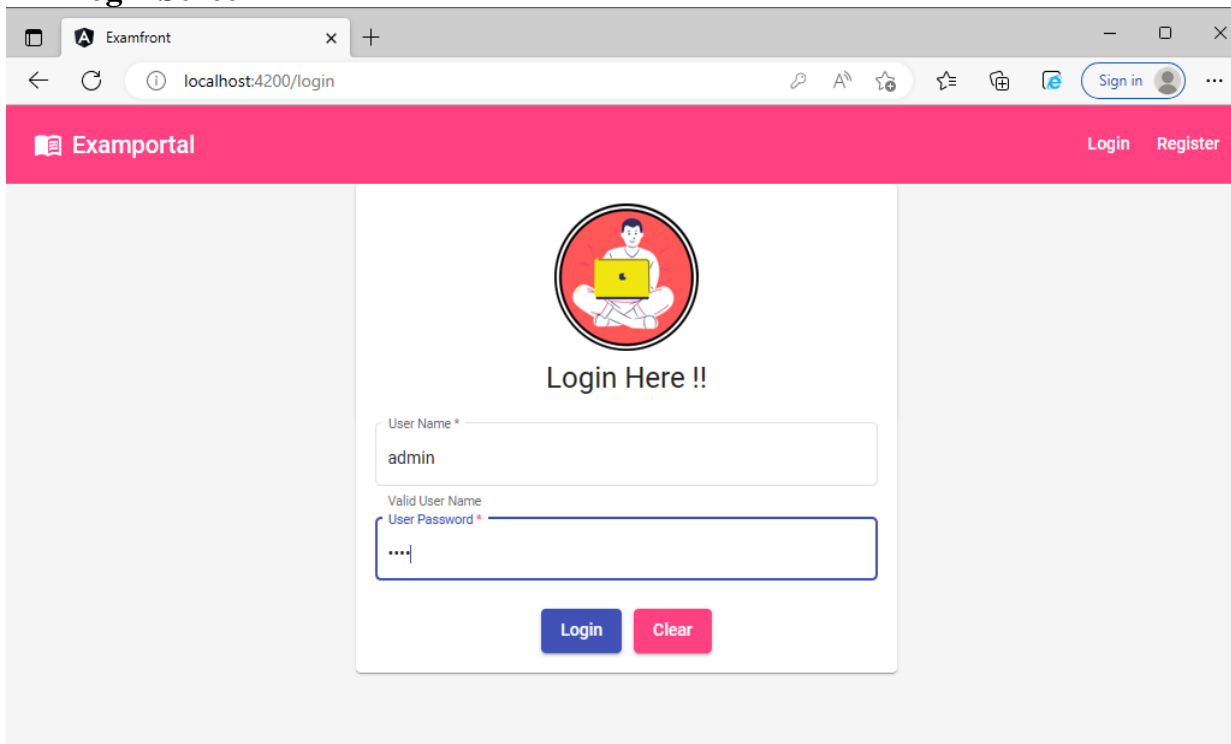
**Operating System :** Window 10/Window 11.

## Screenshots :

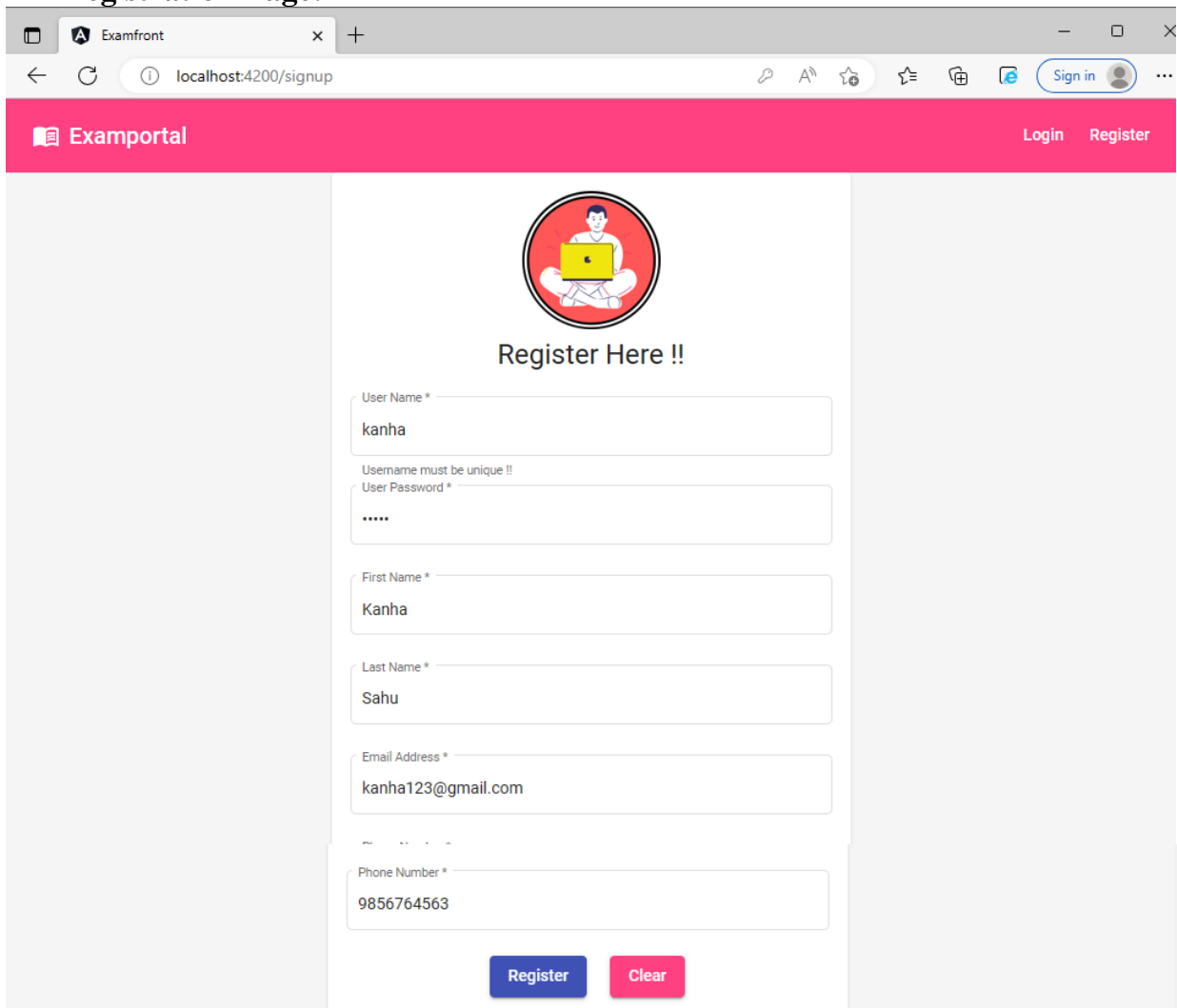
### Home Page



### Login Screen



## Registration Page:

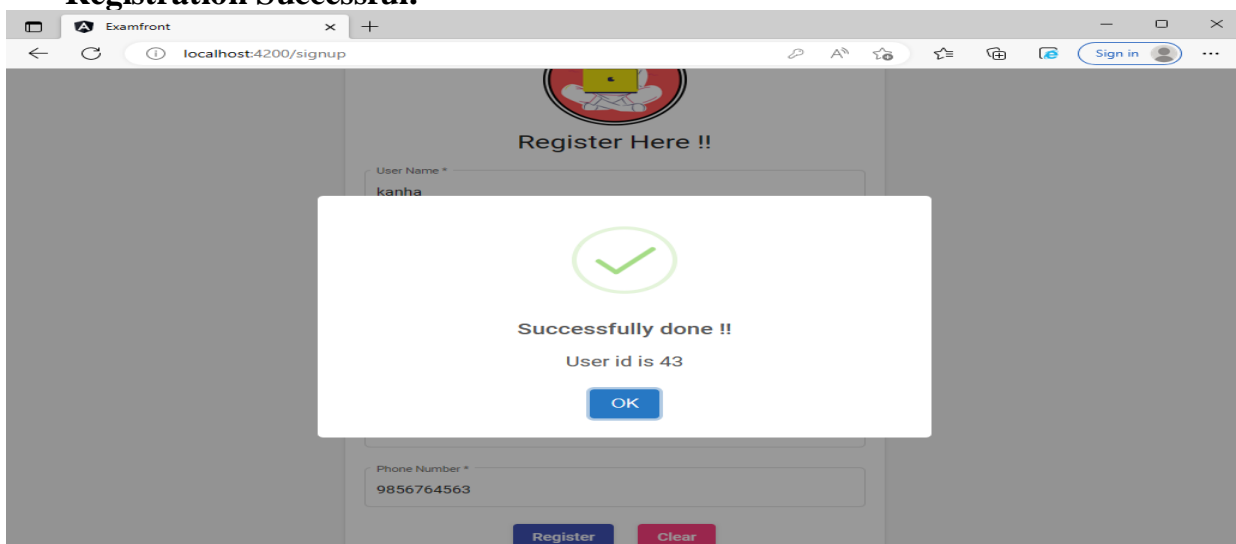


The screenshot shows a web browser window with the address bar displaying 'localhost:4200/signup'. The page has a pink header with the 'Examportal' logo and 'Login' and 'Register' links. The main content area features a circular icon of a person with a laptop and the text 'Register Here !!'. Below this is a registration form with the following fields and values:

- User Name \*: kanha
- Username must be unique !!
- User Password \*: .....
- First Name \*: Kanha
- Last Name \*: Sahu
- Email Address \*: kanha123@gmail.com
- Phone Number \*: 9856764563

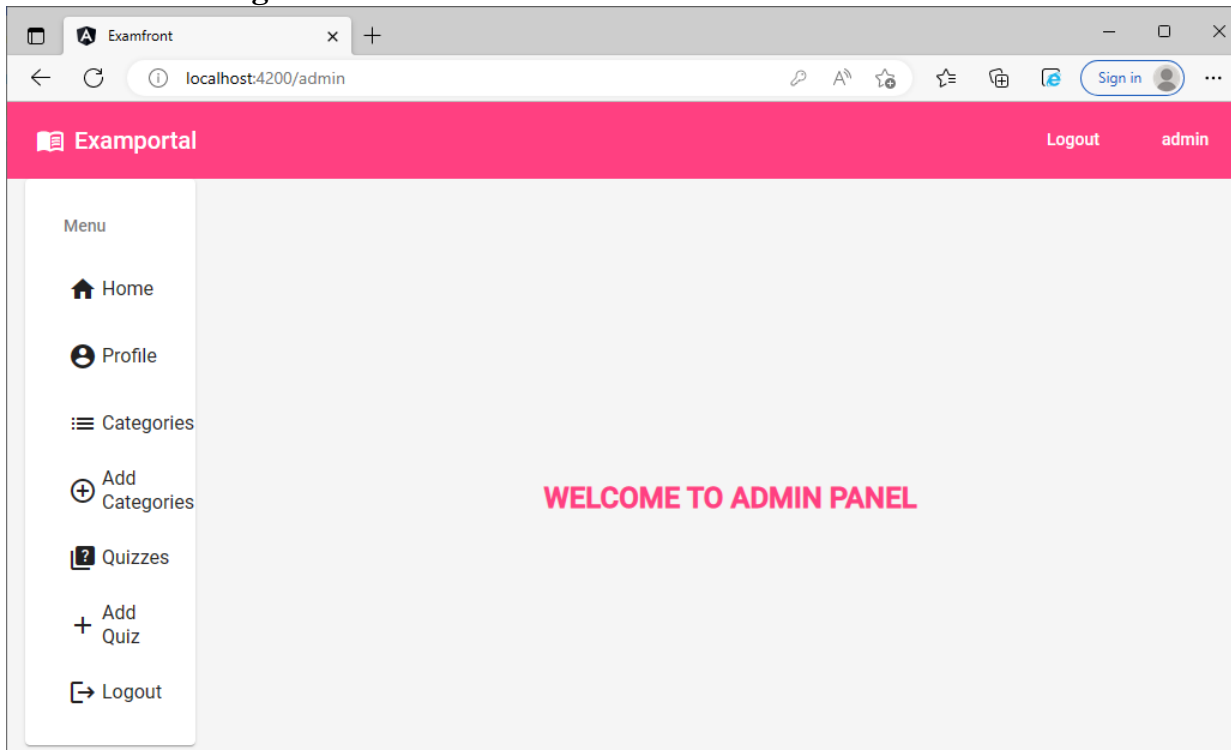
At the bottom of the form are two buttons: 'Register' (blue) and 'Clear' (pink).

## Registration Successful:

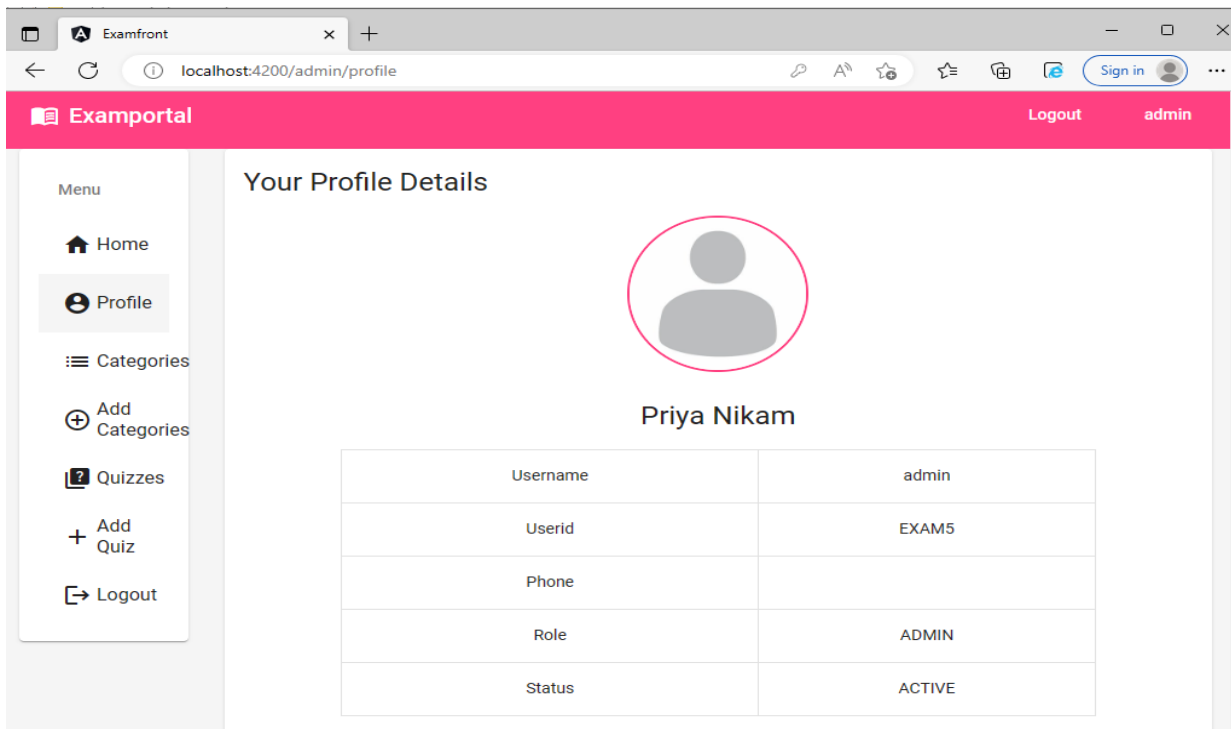


The screenshot shows the same registration page as above, but with a white modal box overlaying the form. The modal contains a green checkmark icon, the text 'Successfully done !!', and 'User id is 43'. At the bottom of the modal is an 'OK' button. The background form is dimmed, showing the 'User Name' field with 'kanha' and the 'Phone Number' field with '9856764563'.

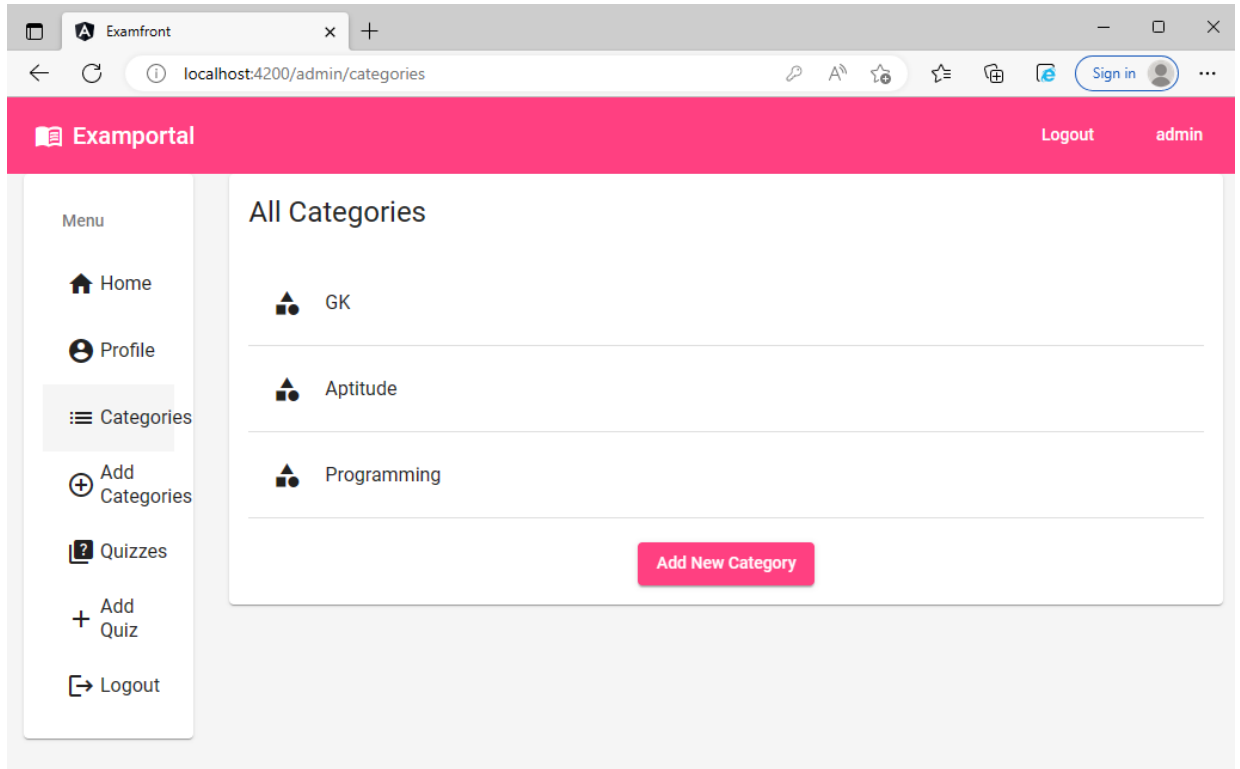
### Admin Page:



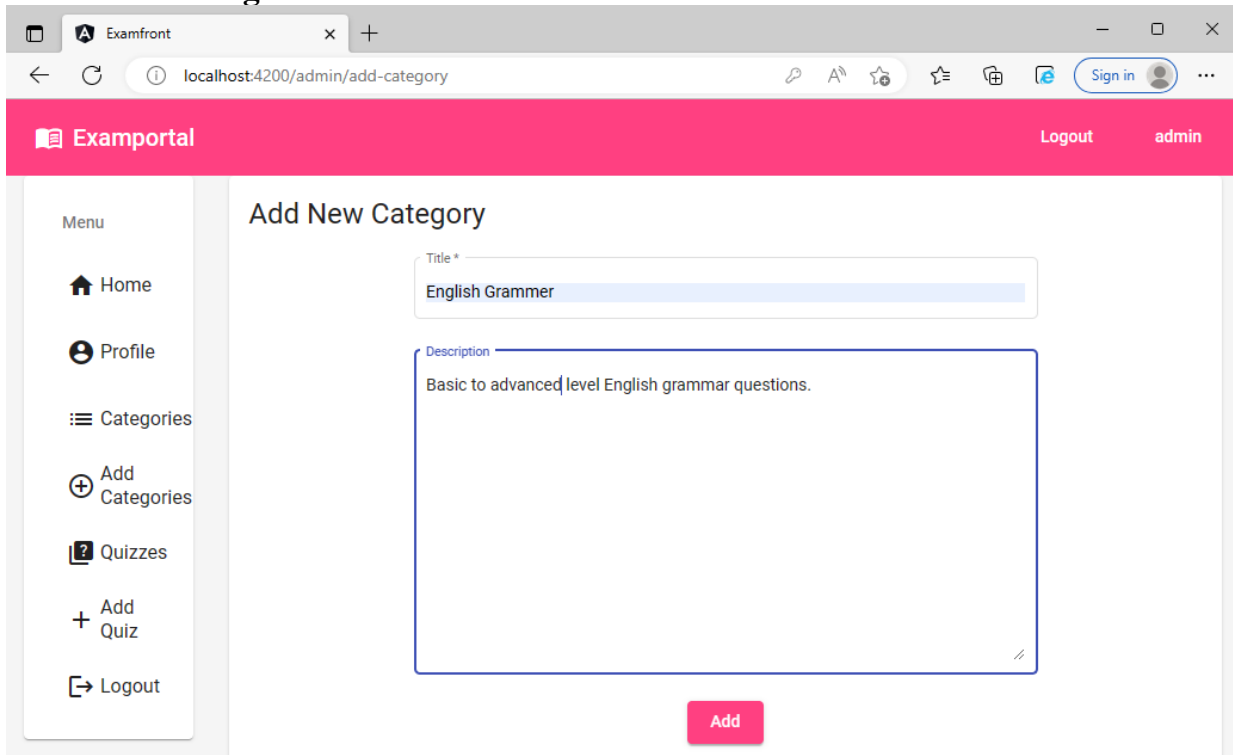
### Admin Profile:



## Categories:



## Add Categories:





## Quizzes:

The screenshot shows the 'Examportal' admin interface at the URL `localhost:4200/admin/quizzes`. The page features a sidebar menu with options: Home, Profile, Categories, Add Categories, Quizzes (selected), Add Quiz, and Logout. The main content area displays a list of quizzes:

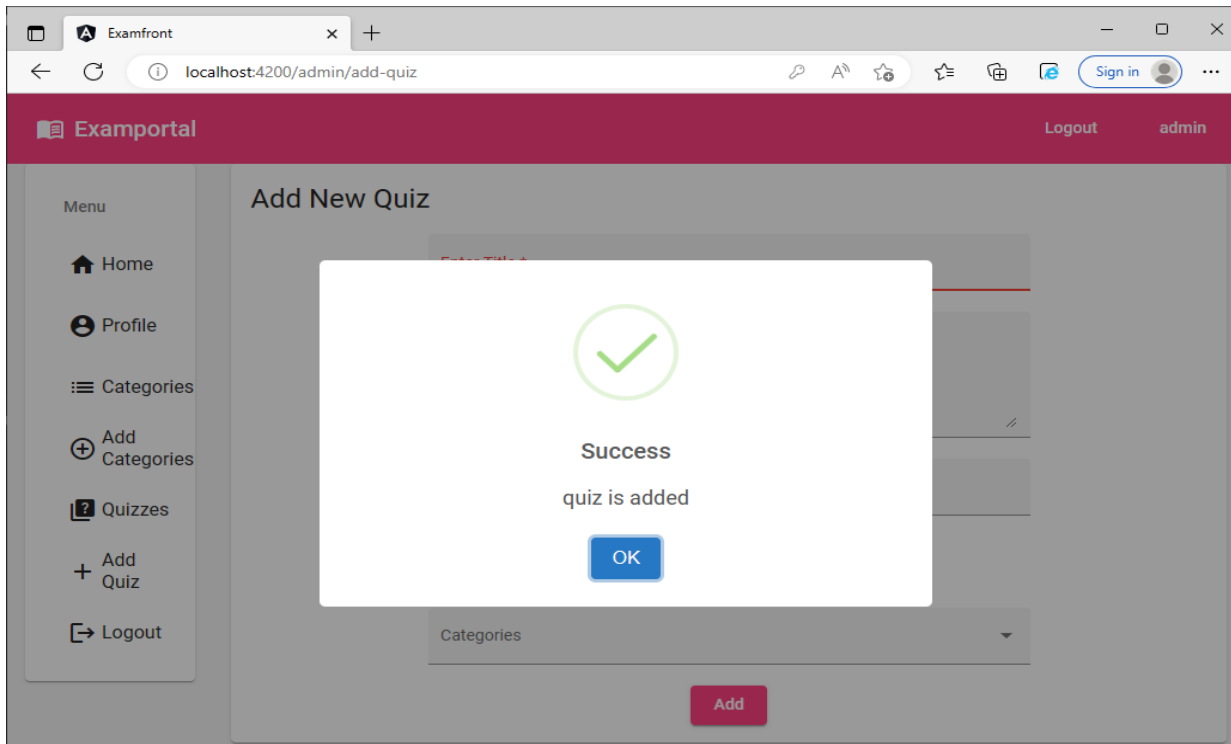
- Python** (Programming): Python Programming Quiz. Max Marks: 50, Questions: 5. Buttons: Questions, Update, Delete.
- Logical Reasoning** (Aptitude): Aptitude and reasoning quiz. Max Marks: 50, Questions: 5. Buttons: Questions, Update, Delete.
- C++** (Programming): C++ Basic questions. Max Marks: 100, Questions: 20. Buttons: Questions, Update, Delete.
- Java** (Programming): (Partially visible)

## Add Quiz:

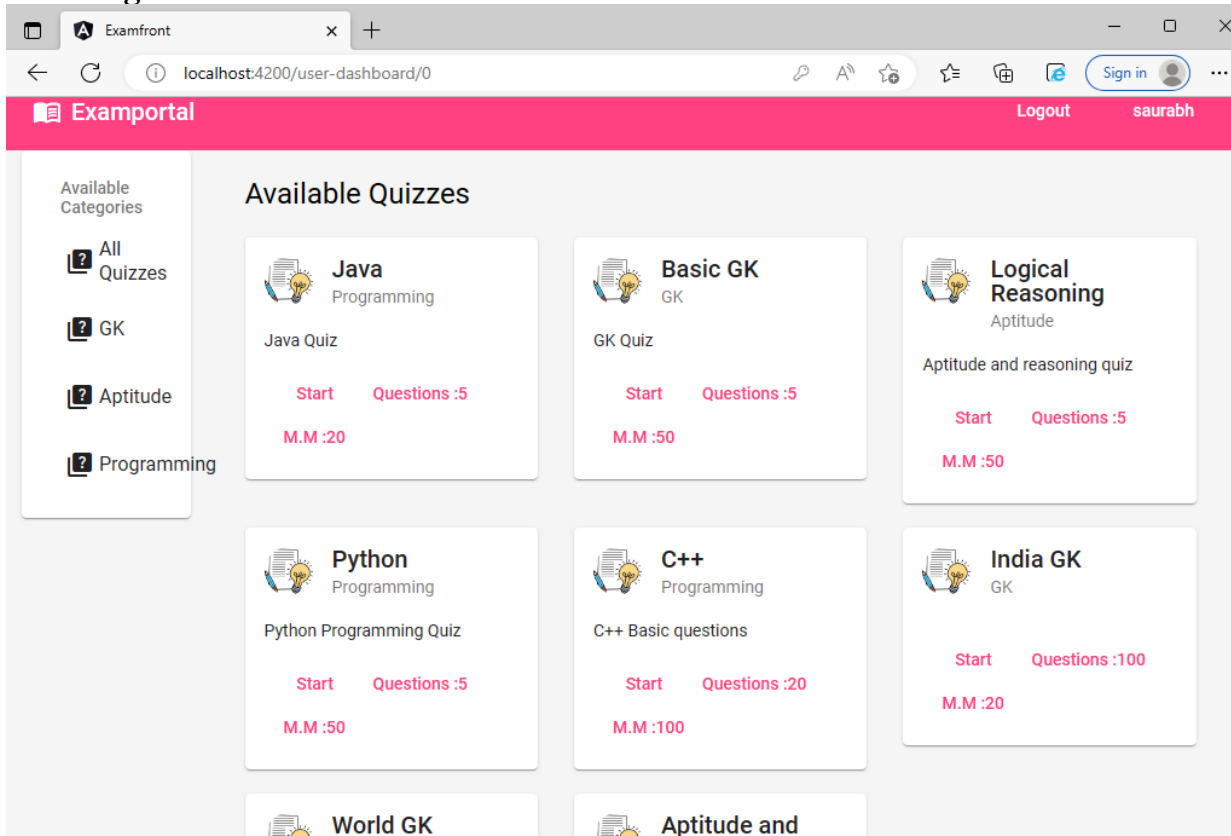
The screenshot shows the 'Examportal' admin interface at the URL `localhost:4200/admin/add-quiz`. The page features the same sidebar menu as the previous screenshot. The main content area displays the 'Add New Quiz' form:

- Enter Title \***: C++
- Enter Description**: C++ Basic questions
- Maximum Marks**: 100
- Number of Question**: 20
- Publish Status**: ☒ Publish Status
- Categories**: Programming (dropdown menu)
- Add** button

### Add Quiz Successfully:



### User Page:



### GK Quizzes:

The screenshot shows a web browser window with the URL `localhost:4200/user-dashboard/7`. The page has a pink header with the logo "Examportal" and a "Logout" button next to the username "saurabh". On the left, a sidebar titled "Available Categories" lists "All Quizzes", "GK", "Aptitude", and "Programming", with "GK" selected. The main area, titled "Available Quizzes", displays three quiz cards: "Basic GK" (5 questions, 50 marks), "India GK" (100 questions, 20 marks), and "World GK" (10 questions, 50 marks). Each card includes a "Start" button.

Quiz Title	Category	Questions	M.M
Basic GK	GK	5	50
India GK	GK	100	20
World GK	GK	10	50

### Aptitude Quiz:

The screenshot shows a web browser window with the URL `localhost:4200/user-dashboard/8`. The page has a pink header with the logo "Examportal" and a "Logout" button next to the username "saurabh". On the left, a sidebar titled "Available Categories" lists "All Quizzes", "GK", "Aptitude", and "Programming", with "Aptitude" selected. The main area, titled "Available Quizzes", displays two quiz cards: "Logical Reasoning" (5 questions, 50 marks) and "Aptitude and Reasoning" (100 questions, 500 marks). Each card includes a "Start" button.

Quiz Title	Category	Questions	M.M
Logical Reasoning	Aptitude	5	50
Aptitude and Reasoning	Aptitude	100	500

### Programming Quiz:

The screenshot shows a web browser window with the URL `localhost:4200/user-dashboard/9`. The page has a pink header bar with the text "Examportal" on the left and "Logout saurabh" on the right. On the left side, there is a sidebar titled "Available Categories" with a list: "All Quizzes", "GK", "Aptitude", and "Programming" (which is highlighted). The main content area is titled "Available Quizzes" and displays three quiz cards. Each card has a lightbulb icon, a title, a subtitle, and two buttons: "Start" and "Questions :X", along with a mark value "M.M :Y".

Category	Quiz Title	Questions	M.M
Java Programming	Java Quiz	5	20
Python Programming	Python Programming Quiz	5	50
C++ Programming	C++ Basic questions	20	100

### Quiz Instruction Page:

The screenshot shows a web browser window with the URL `localhost:4200/user-dashboard/instructions/16`. The page has a pink header bar. The left sidebar is identical to the previous page, with "Programming" highlighted. The main content area contains instructions for a quiz. It starts with a heading "Read the instructions of this page carefully" followed by "One step more to go". Below this is the quiz title "Basic GK" and subtitle "GK Quiz". The section "Important Instructions" lists five bullet points. The section "Attempting Quiz" lists five bullet points. At the bottom right, there is a blue button labeled "Start QUIZ".

**Read the instructions of this page carefully**  
One step more to go

**Basic GK**  
GK Quiz

**Important Instructions**

- This quiz is only for practice purpose.
- You have to submit quiz with in **10 Minutes**.
- You can attempt the quiz any number of time .
- There are **5 questions** in this quiz.
- Each questions carries **10 marks**. No negative marking for wrong ones.
- All questions is of MCQ Types.

**Attempting Quiz**

- Click **Start Quiz** button to start the quiz
- The time will start the moment you click the Start Test button.
- You can not resume this quiz, if interrupted due to any reason.
- Scroll downl to move to next question.
- Click on Submit Quiz button on completion of the quiz.
- Report of the test is automatically generated in the form of PDF copy

**Start QUIZ**

## Quiz Start Page:

Examportal Logout nisha

instructions

On Going Quiz **Basic GK**

**Q 1)**  
What is the total number of characters in the Hindi alphabet?

☐ 62 ☐ 42  
☒ 52 ☐ 50

**Q 2)**  
Who was the first women prime minister of India?

☒ Indira Gandhi ☐ Pratibha Gandhi  
☐ Sumitra Gandhi ☐ Sonia Gandhi

**Q 3)**  
Which are the Smallest States in India?

☐ Meghalaya ☐ Goa

**Progress**  
Quiz will automatically submitted when timer reaches to 0:0

9 min : 20 sec

## Quiz Result Page:

Examportal Logout nisha

**Quiz Result**

Marks Got : 50

Correct Answers : 5

Questions Attempted :5

[Print](#) [Home](#)

**Thank You!!!.**