

ONLINE EXAMINATION APP

PROJECT PRESENTATION



GROUP MEMBERS:

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OBJECTIVES

01

To Develop a robust web application that allows students to conveniently give the examination and the administration to conduct online examinations as per their desires.

02

To develop a user friendly application, with secure and up to the mark technologies like RESTful API, to securely establish communication with the front end as well as the backend, thus giving birth to a robust examination engine

BRIEF INTRODUCTION

OUR EXAMINATION APP ALLOWS ADMINISTRATOR TO CONDUCT EXAMS ON A SECURE PLATFORM OVER THE WEB, THEREBY PROVIDING A SECURE SOLUTION TO ONLINE EXAMS.

OUR APPLICATION MAKES USE OF THE BEST FRAMEWORKS AND RESTFUL API, MAKING SURE THAT THE CONNECTION BETWEEN THE USER INTERFACE AND THE SERVER REMAINS SECURE AND STABLE.



TECHNOLOGIES USED

MAVEN

Maven is a build automation tool used primarily for Java projects. Maven can also be used to build and manage projects written in C#, Ruby, Scala, and other languages. The Maven project is hosted by the Apache Software Foundation, where it was formerly part of the Jakarta Project.

SPRING FRAMEWORK

The Spring Framework is an application framework and inversion of control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE platform

RESTFUL API

Representational state transfer is a software architectural style that defines a set of constraints to be used for creating Web services. Web services that conform to the REST architectural style, called RESTful Web services, provide interoperability between computer systems on the internet.

FEATURES



ADD EXAM

The admin has the entire control to add or remove exams, even by adding or removing questions on his own will which are stored in a database



MULTIPLE LEVELS

Supports multiple exams taken by a single candidate. Once they clear their 1st level, they can advance to the next level to test their skills better!



SECURE LOGIN & REGISTER

New students can login and register using the registratio and login portal.

FEATURES



DETAILED REPORTS

Once the exam has been submitted, the user can view his report for the test. The admin can view the detailed report of every candidate



SESSION MANAGEMENT

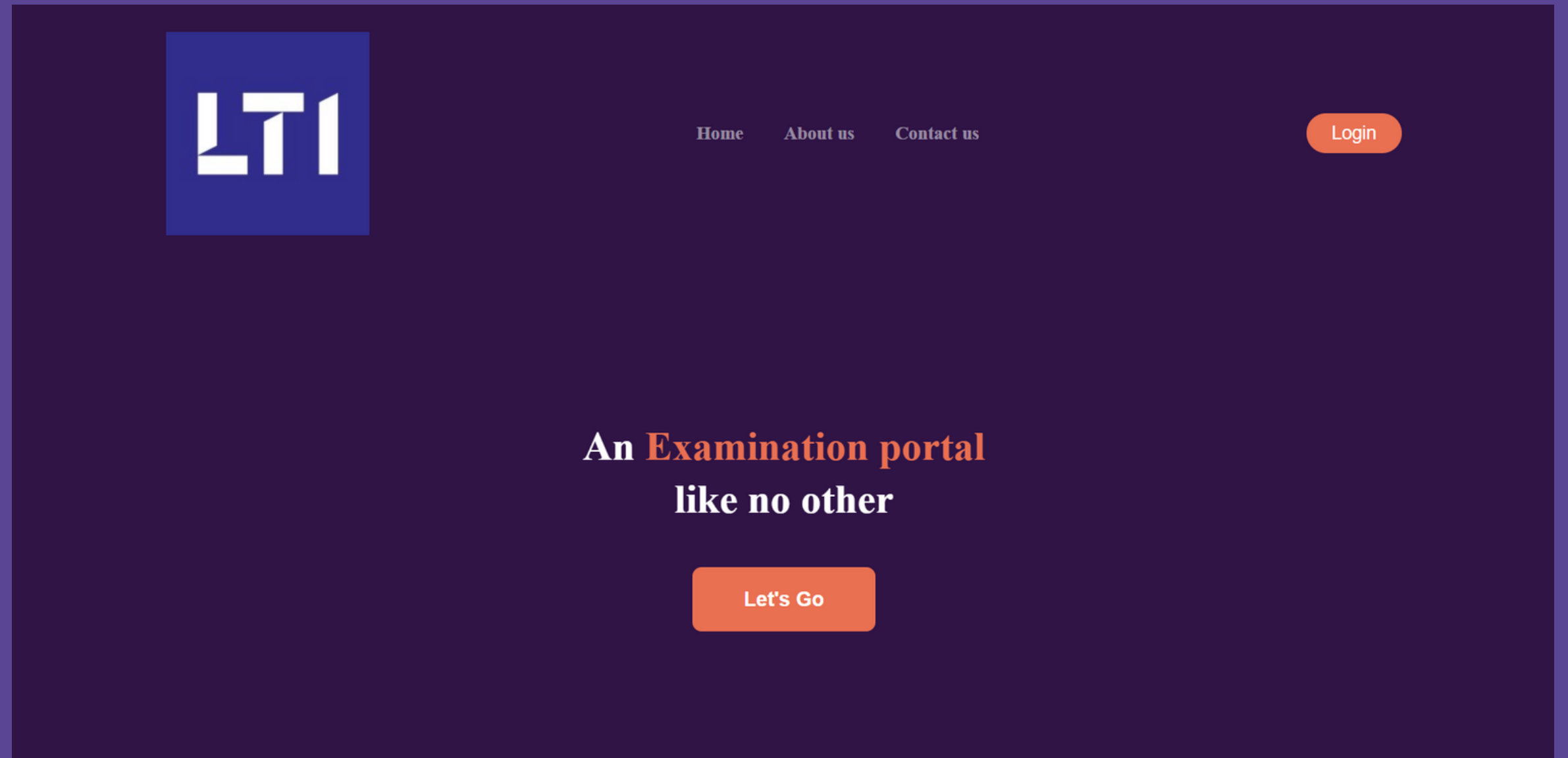
The user if has encountered an error during an exam, he will be logged in to the same pagewhen he connects back.



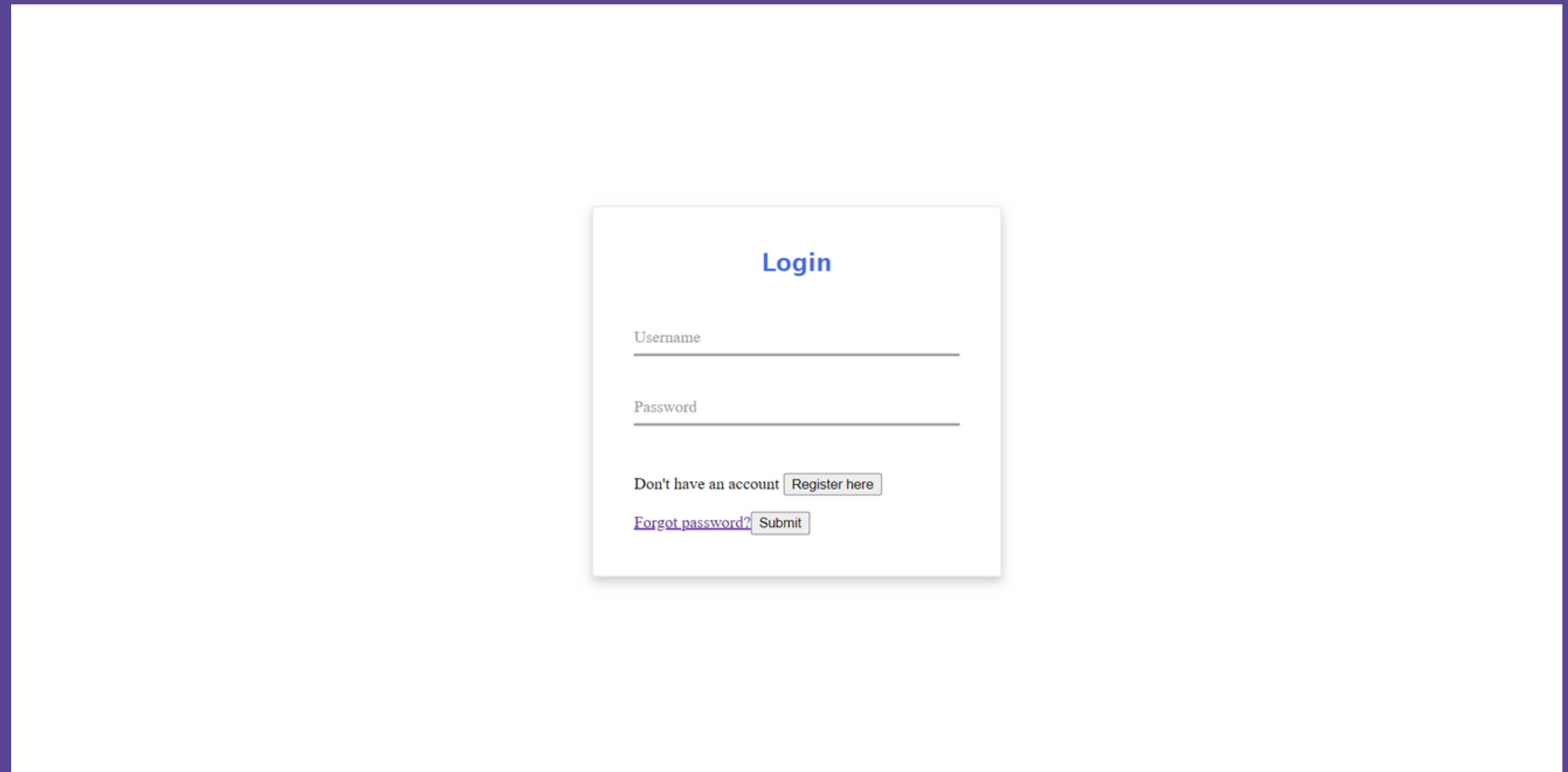
INTERACTIVE ADMIN CONSOLE

The administrator maintains the entire control of the examination portal, with various features and accessibilities

THE EXAM PORTAL HOME PAGE



THE EXAM PORTAL LOGIN PAGE



Login

Username

Password

Don't have an account

[Forgot password?](#)

THE EXAM PORTAL REGISTRATION PAGE

Register

Name:

Name

Email

Email

Password:

Subject Preferred:

State:

City:

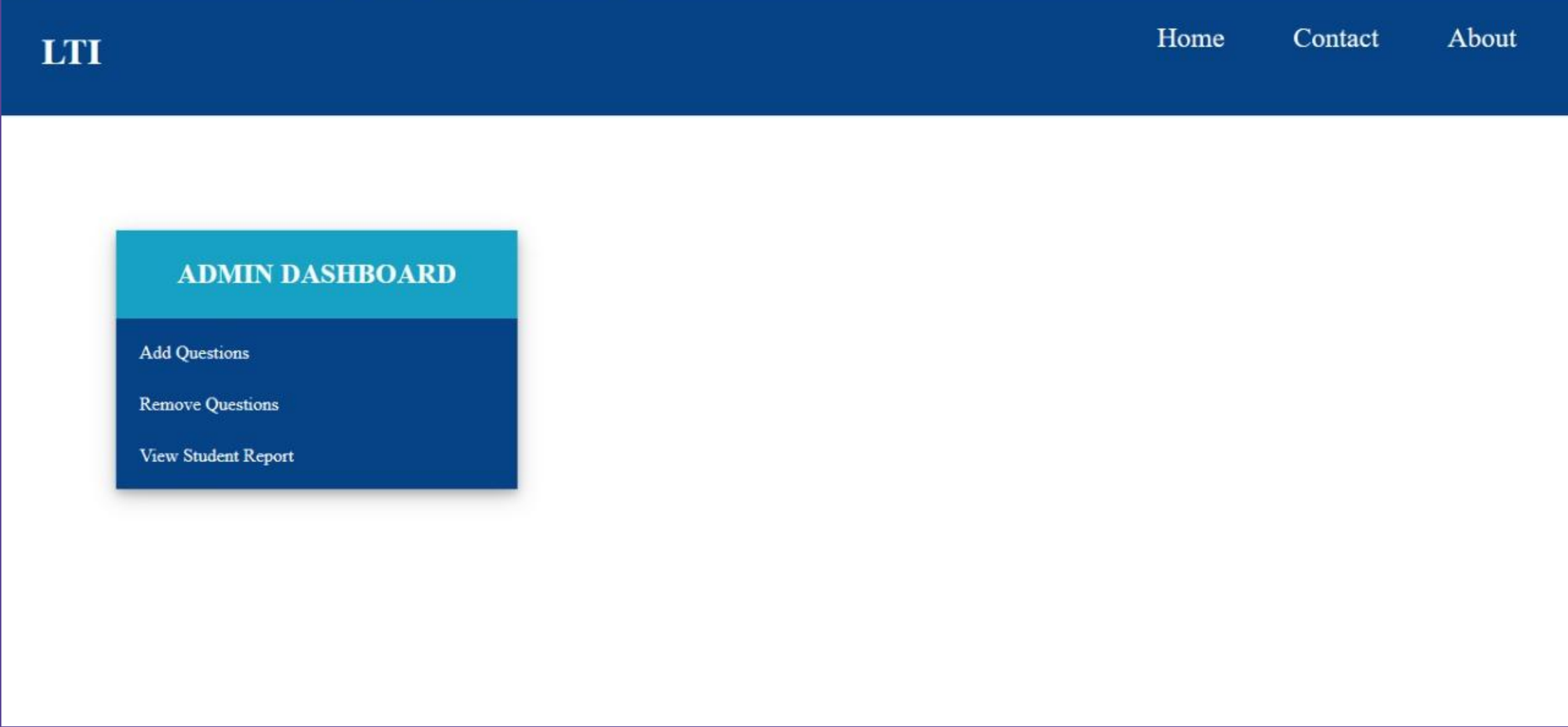
Date of Birth:

dd - mm - yyyy

Year of Graduation:

Submit

THE ADMIN PORTAL



THANK YOU!