**A PROJECT REPORT**
**ON**
**GST Admission System**

This Project is submitted for the partial fulfillment of the requirementsfor the degree of B.Sc in Computer Science and Engineering.

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Reg. no: 1107
Session: 2016-17

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**Dept. of Computer Science and Engineering, Islamic University, Bangladesh**.

## CERTIFICATE

I am pleased to certify that Md. Musfiqur Rahaman , Roll No: 1614017, Reg. No: 1107, Session: 2016-17, is a student in the Department of Computer Science and Engineering. He has performed a researchwork entitled "**GST Admission System**" under my supervision in the academic year 2016-17 for the fulfillment of partial requirement of B.Sc degree.

**I wish his to every success in life.**

…….

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Professor
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# ACKNOWLEDGMENT

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Finally, my heartiest felicitations are due to those senior students, my friends and well-wishers for their benevolent collaboration and advice.

Thanks a lot to all concerned.

The Author

**Md. Musfiqur Rahaman**

**Abstract:**

It is an easy and simple web application system for students who are willing to apply on GST admission. Students will easily find every notice about exam here. Also they will be able to apply, download admit card, see admission progress and results in this System. Overall this application system will make GST admission process easy for the students.

## Introduction

Earlier, a student had to take the entrance exam in many universities to get admission in the university.

This year admission to 22 general and science and technology universities of Bangladesh will have to take part in a cluster examination.

Admission test will be held simultaneously in these 22 universities.

This is the 2nd time admission test is going to be conducted at the general and technical university level in Bangladesh. However, many lack a clear idea about how this exam will be conducted and how a student will get admission in the university of his choice.

Of the 22 universities that have merged, one is Jagannath University.

Mizanur Rahman, the joint convener of the committee consisting of the vice-chancellor of this university and the vice-chancellors of cluster universities, said that the examination will be held simultaneously in three separate departments - science, business education and humanities - for three days in all the campuses of the university.

This exam will be conducted in MCQ i.e. multiple choice mode. And in this case total marks will be 100 in each subject.

In order to apply in batch system, CGPA score of more than 3 in each of these two exams, SSC and HSC. Those who score less than this in one of the tests will not be able to appear in the university entrance examination.

In this case, science department students should have 7 in SSC and HSC, 6.5 for business education department and 6 for humanities department. That is, to participate in the entrance exam, this minimum score must be obtained.

It is informed by the committee regarding admission test in batch system, to get admission
in the preferred university, one has to participate in the batch test first.

In order to get admission in the university of choice in this system, one has to first appear in an integrated examination (cluster system). In this method students will be given a mark between 0-100.

After receiving this number, each university will issue admission notification separately mentioning its own rules, features and conditions.

For example Mr. Wahiduzzaman said that only those who have passed HSC in 2020-21 will be given admission in Jagannath University. Those who have passed in the previous year i.e. 2020 will not be given the opportunity.

The student has to see which university he is eligible for admission as per the conditions of the admission notification, then he has to apply to the respective university.

He said, in this case, universities must take care whether their conditions are fulfilled or not.

He said, those who will be ahead in batch exam marks and SSC and HSC scores will get priority in admission.

However, what will be done if more applications are submitted than the number of seats in the same category or subject in accordance with all the conditions - Mr. Wahiduzzaman said that in this case a merit list will be prepared.

"But in this case no more tests will be taken separately," he said.

In the preparation of merit list in universities, the marks of cluster system, marks of SSC and HSC examination and the number of marks obtained by the student in various subjects will also be taken into consideration.

Those who will be at the beginning of the merit list created in this way, will get the opportunity to study the relevant subjects of the respective university.

In this regard, he said that in order to study in many subjects, the minimum number of marks to be obtained in a particular subject is mentioned in many cases. In that case, even if a student has high total marks, if he does not have the prescribed marks in that particular subject, then he will not be able to study in that subject.

Some other public universities including Dhaka University will conduct admission test separately

He said that students can apply to any university by taking into account the scores obtained in the examination in the cluster system and the admission advertisements given by the universities with various conditions.

"If a student wants to and has a good score, he can apply for admission in any university. If the score is low, he can't,".

The Vice-Chancellor of Shahjalal University of Science and Technology said that if more students apply than the number of seats with the same qualifications and scores in one of the departments of his university, then all of them will be given the opportunity for admission.

Universities which will conduct admission test in cluster system consisting of:

•Islamic University

• Shahjalal University of Science and Technology

• Khulna University

•Hazi Mohammad Danesh University of Science and Technology

•Maulana Bhasani University of Science and Technology

• Noakhali University of Science and Technology

• Jagannath University

• Comilla University

• National poet Kazi Nazrul Islam University

Jessore University of Science and Technology

•Begum Rokeya University

•Pabna University of Science and Technology

• Bangabandhu Sheikh Mujibur Rahman University of Science and Technology

Barisal University

• Rangamati University of Science and Technology

• Rabindra University

• Bangabandhu Sheikh Mujibur Rahman Digital University

• Sheikh Hasina University

•Bangamata Sheikh Fazilatunnesa Mujib University of Science and Technology.

. Patuakhali Science and Technology University

.Chadpur University of Science and Technology

. Bangabandhu Sheikh Mujibur Rahman University

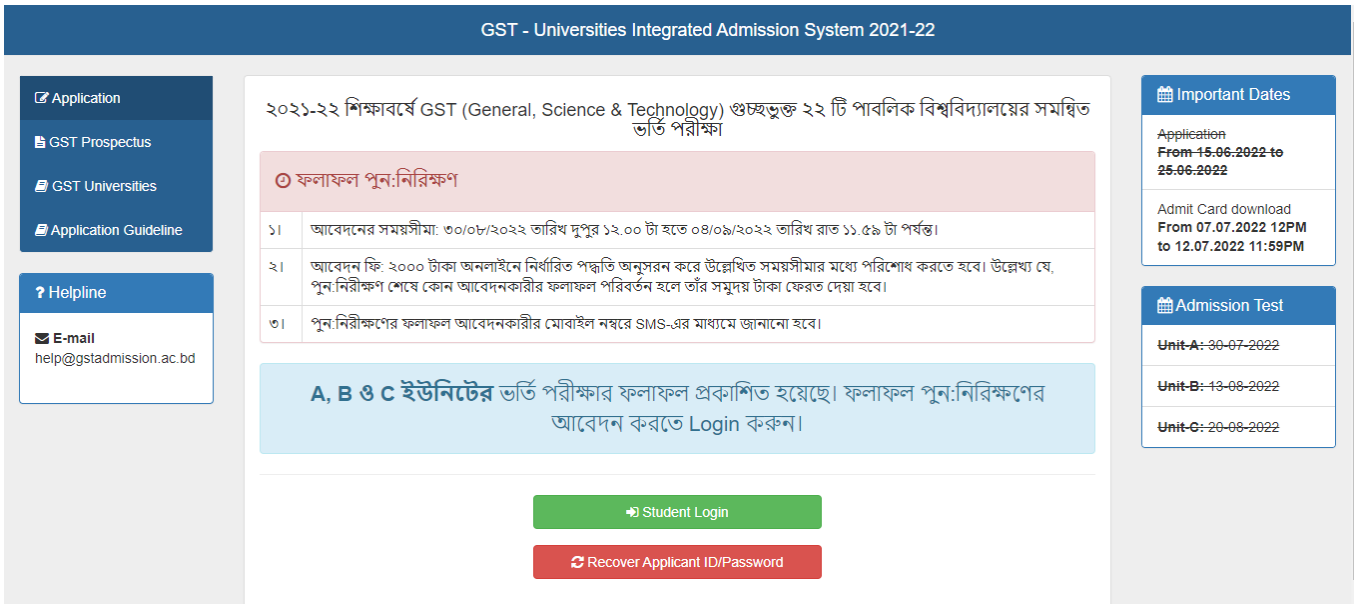
Currently there are 53 public universities in the country.

Graduated from Agricultural University last year

**Present GST Admission System Features**

The present condition of this GST Admission System has some limited features. Such as-

- Students Application system
- GST Admission Prospectus Download
- GST Universities List
- Application Guideline
- Admission Notice




**Limitation of present GST Admission System**

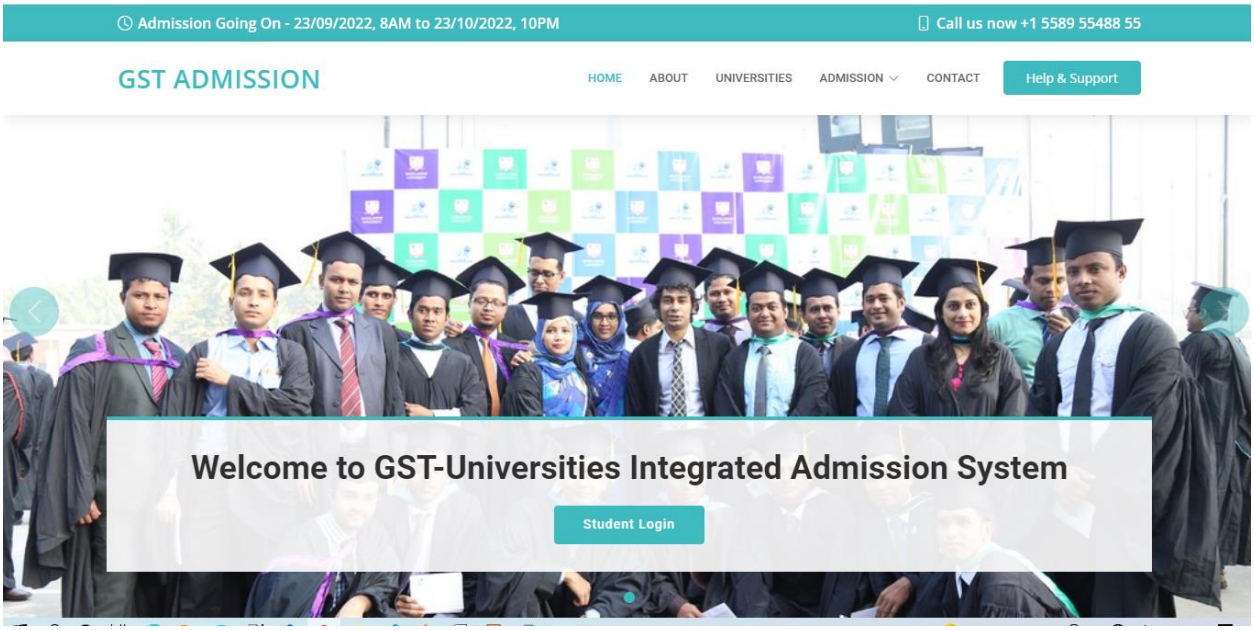
- Student cannot download admit card after submitting the application. It take time to get admit card. So it is manual process.

- The user interface is not so professional and user friendly.

- This GST Admission System is more complex rather than modern technology.

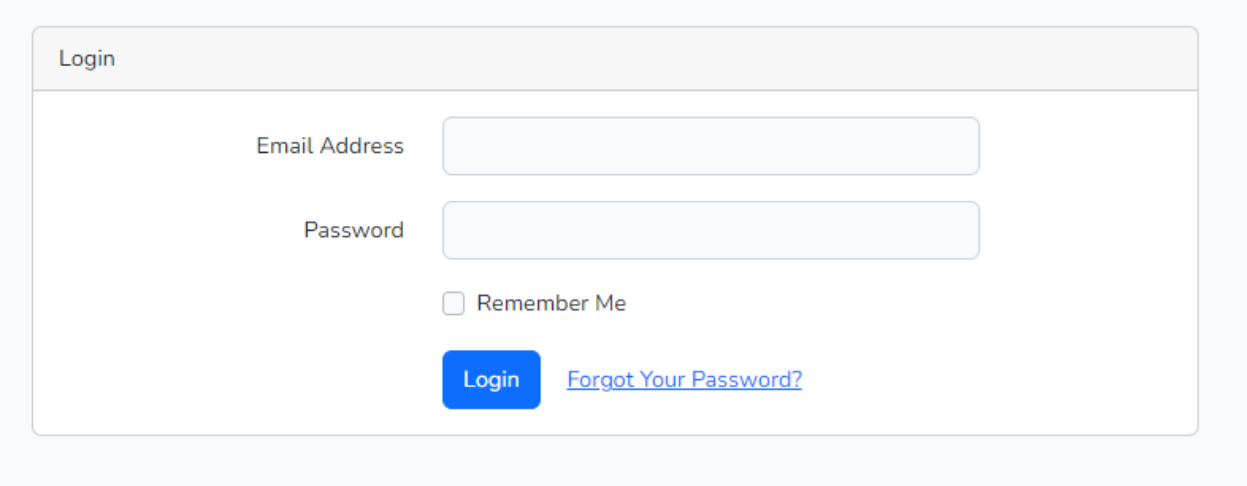
- They used manual Payment using using Mobile wallet.

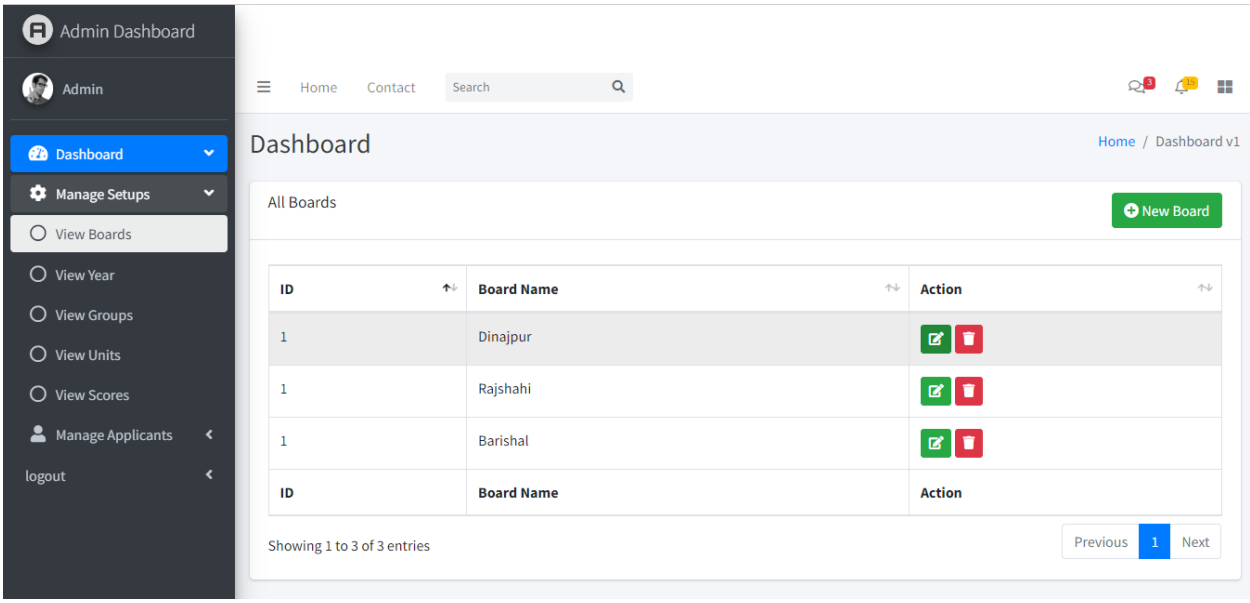
**Our GST Admission System Feature**




## Front Page Feature:

- Home
- About
- Admission Corner
- Contact
- Help & Support


Login
Email Address
Password
Remember Me
Login
Forgot Your Password?


Admin Dashboard
Admin
Home
Contact
Search
Dashboard
Home / Dashboard v1
Manage Setups
View Boards
View Year
View Groups
View Units
View Scores
Manage Applicants
logout
All Boards
New Board
ID
Board Name
Action
1
Dinajpur
1
Rajshahi
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Barishal
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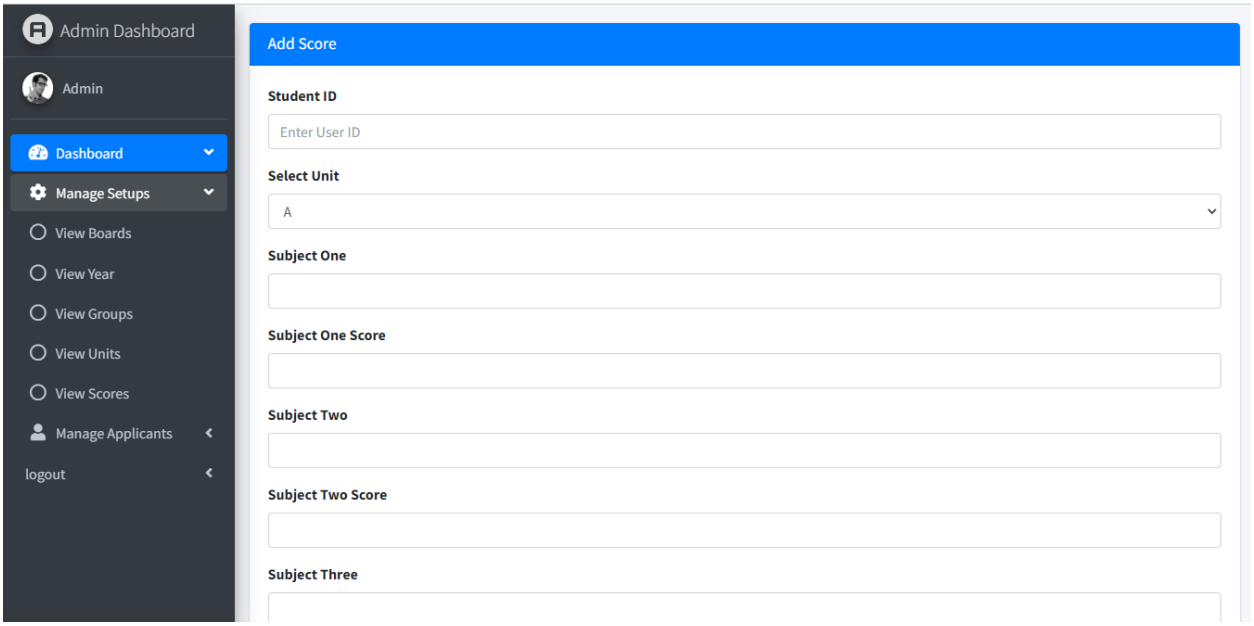
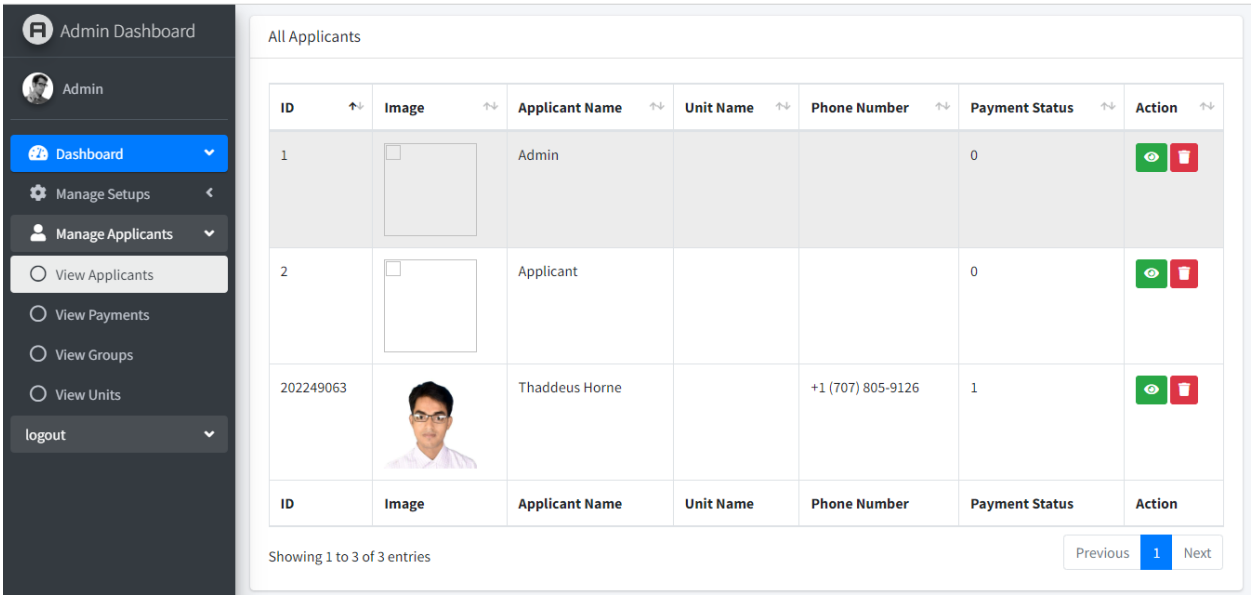
Action
Showing 1 to 3 of 3 entries
Previous
1
Next




# Admin Dashboard Feature:

- Admin Login
- Manage Setups – Board addition, Year Addition, Unit Addition, Notice Addition
- Manage Applicants
- Manage Results
- Result Publish

**Objective of the Present Work**

- The objective of this project is to develop a web application for Online GST Admission Process
- The objective of this project is to provide admission test information.

- The objective of this project is to provide admission result for the admission candidate.

- Admin can manage applicants data and they can give permission to download admit card for the candidate.

- Admin can manage notice board and publish applicant results.

- Anytime, anywhere, any candidate can know about the admission or information by internet at low cost.

- Dynamically provides facility.

- To add any new information without any complexity.

**Methodology**

In this project we have develop an GST Admission website. It is a dynamic system. It can be maintain and changed easily because it is based on database. It's contain web pages that are generated in real-time. These pages include Web scripting code, such as PHP. It is fully secured from unauthorized access. In a word it can say that our GST Admission website is a completely dynamic website.

To create the software, we have worked on all possible types of basic codes used for principle design based on mainly on PHP,

Laravel, CSS and HTML. Here we have used MVC pattern to create the software. We have collected all kinds of information related to this software from the applicants. Actually it is one kind of Customized software.

The project background model specially designed on the basis of certain web programming language like PHP, MYSQL, JAVASCRIPT, CSS etc. In following section here we are going to give a brief description about this language in this project.

## 2.1 Programming Language

### PHP

- ✓ PHP stands for PHP: Hypertext Preprocessor
- ✓ PHP is a server-side scripting language,like ASP

- ✓ PHP scripts are executed on the server
- ✓ PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic

  ODBC, etc.)

- ✓ PHP is an open source software
- ✓ PHP is free to download and use

**MYSQL**

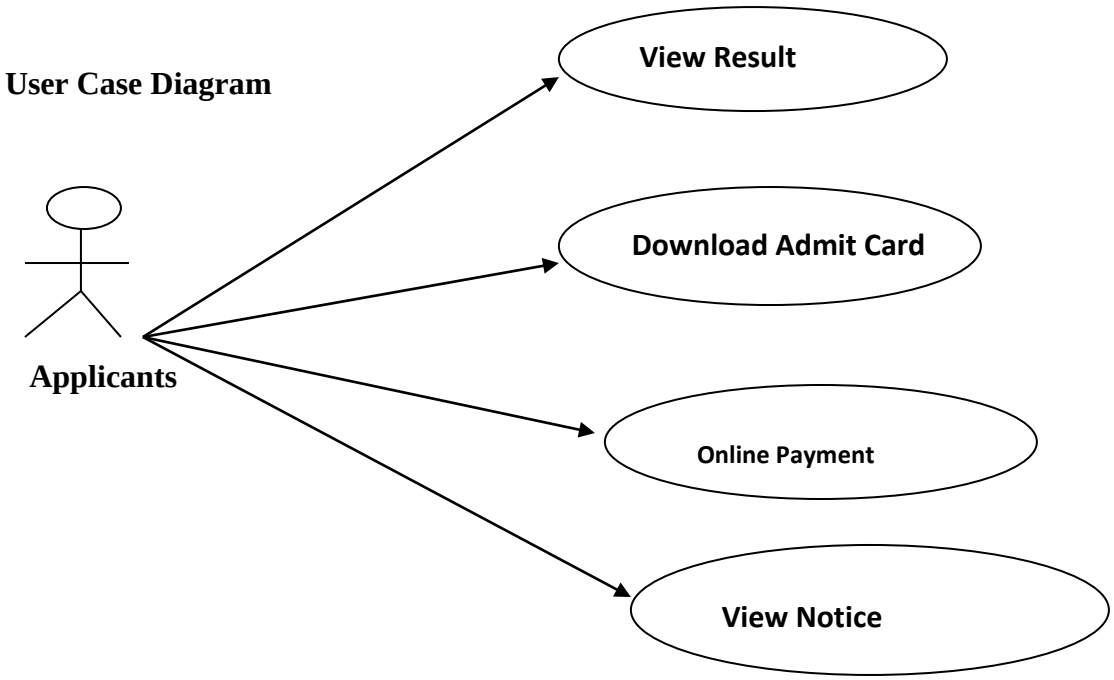
- ✓ MYSQL is a database server
- ✓ MYSQL is ideal for both small and large applications
- ✓ MYSQL supports standard SQL
- ✓ MYSQL compiles on a number of platforms
- ✓ MYSQL is free to download and use

**CSS**

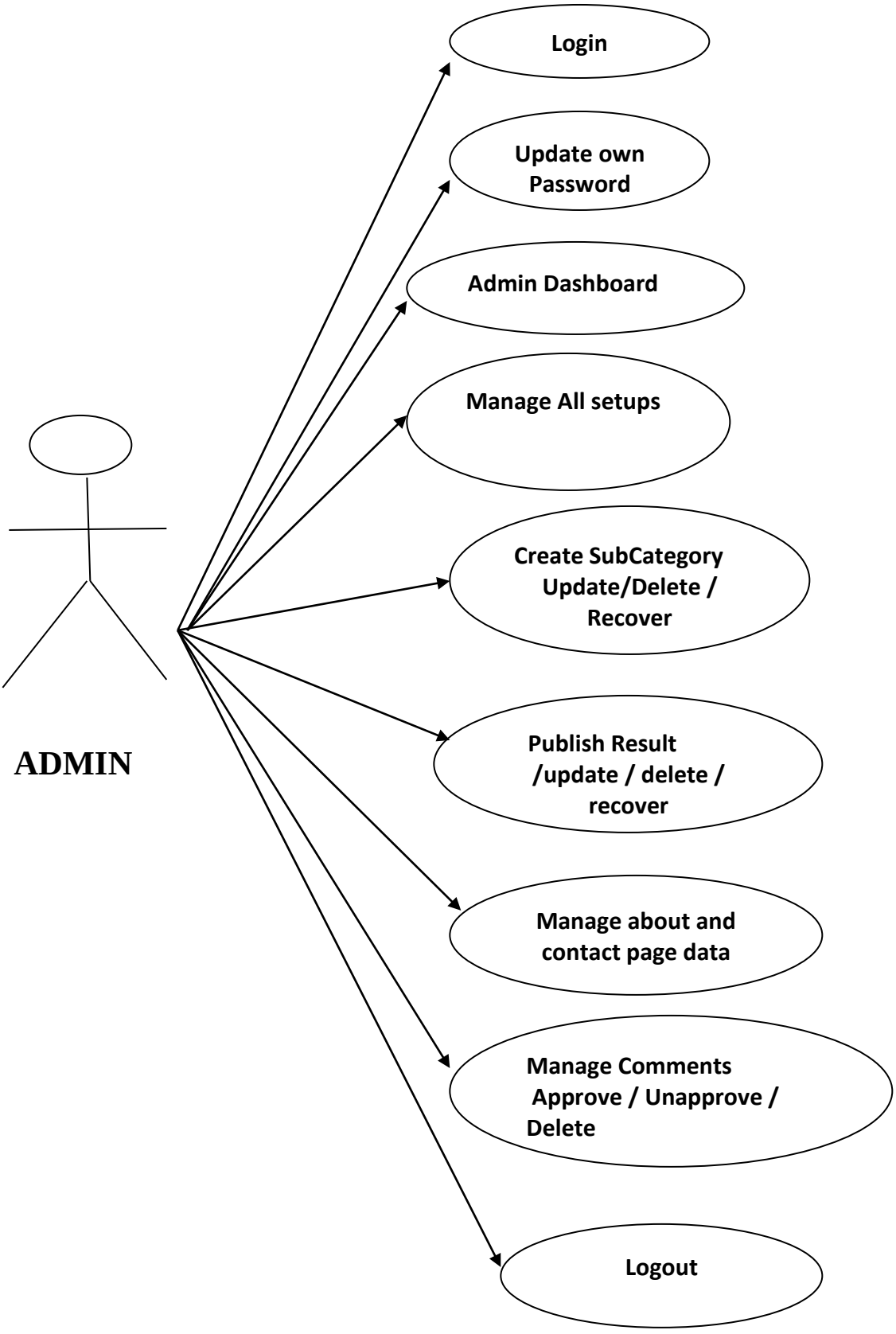
- ✓ Cascading Style Sheets (CSS)
- ✓ Simple mechanism

- ✓ Easy for adding style (e.g., fonts, colors, spacing) to Web documents.

Use Case Diagram



## Admin Case Diagram



## Implementation

When a student will submit the form for registration, the data of the form will be saved on a database and the student will get a unique ID, through which he will able to see his progress on student dashboard. Central admin will able to manage students on the website and upload results on the website through admin dashboard. The results will automatically show on student's dashboard as per his unique ID. Students will also able to see the eligible list as per their result.