



Project- University Finder

Submitted by
MD MEHEDI HASAN
ID: 171-35-181

Supervised By

NAYEEM HASAN
Lecturer (Senior Scale)
Department of Software Engineering
Daffodil International University

A Project Submitted in partial Fulfillment of the Requirement for the Degree of
Bachelor of Science in Software Engineering
Summer 2021

Department of Software Engineering
Daffodil International University

APPROVAL

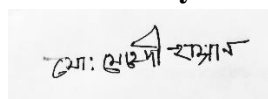
This project titled "University Finder," submitted by Md Mehedi Hasan, ID: 171-35-181 to Daffodil International University's Department of Software Engineering, has been accepted as satisfactory for the partial fulfillment of the demand for the degree of Bachelor of Science in Software Engineering, as well as approval of its style and contents.

DECLARATION

My deepest appreciation to my supervisor, Lecturer Mr. Nayeem Hasan, for helping me through the system's conception and development phase. I would not have progressed to the final level of development without his strategic guidance and advice. **Mr. Nayeem Hasan** briefed the students on the Final Year Project, which I appreciate. **Mr. Nayeem Hasan's** candid advice and unwavering cooperation Mr. Nayeem Hasan's earnest assistance and ever-cooperative personality has supplied us with the necessary knowledge and instructions on how to prepare for the final documents.

I'd want to express my gratitude to my close friends and classmates for their support and encouragement throughout my four years at Daffodil International University. Daffodil International University deserves my thanks for creating the environment in which I was able to cultivate and develop my compassion while also improving my technical capabilities. Many thanks to Daffodil International University for their constant support and all essential academic resources, which have given me invaluable academic and life lessons. Finally, and most significantly, I am grateful for everyone's assistance in achieving our goal.

Submitted By:



Md Mehedi Hasan

ID: 171-35-181

Batch: 22th

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

Supervised by:



Nayeem Hasan

Senior Lecturer

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

ACKNOWLEDGEMENT

In this project, I have made efforts. Regardless, it would not have been possible without the generous assistance and assistance of many people. Because of each of them, I think I'll have to expand my earnest. Daffodil International University owes me a special obligation. Mr Nayeem Hasan for his direction and constant supervision, as well as for providing relevant information about the project and for their assistance in completing the assignment. I'd want to thank our parents, classmates, and DIU members for their support and encouragement in completing this work. I'd like to express my heartfelt gratitude to those in the profession who have given me their time and thought. My gratitude also extends to my partner in the venture's development and to those who have generously bailed us out with their abilities.

Executive Summary

University Finder is a web-based application for those students who wants to go for Higher study. This system will help students to find their desire University as their Educational background and qualification. In This Application students also can find ranked University all over the world.

TABLE OF CONTENTS

TITLE	i
APPROVAL	ii
DECLARATION	iii
ACKNOWLEDGEMENT	iv
EXCLUSIVE SUMMERY	v
LIST OF TABLES	vi
LIST OF FIGURES	vii
CHAPTER1:INTRODUCTION	1
1.1 Project Overview	2
1.2 Project Purpose	2
1.2.1 Background	3
1.2.2 Benefits & Beneficiaries	3
1.2.3 Goals	4
1.3 Stakeholders	4
1.4 Project Schedule	5
1.4.1 Gantt Chart	5
1.4.2 Release Plan	6
CHAPTER 2: SOFTWARE REQUIREMEN SPECIFICATION	7
2.1 Functional Requirements	7
2.2 Performance Requirements	8
2.2.1 Speed and Latency Requirements	8
2.2.2 Capacity Requirements	8
CHAPTER 3: SYSTEM ANALYSIS	9
3.1 Use Case Diagram	9
3.2 Use Case Description	10
3.3 Activity Diagram	11
3.4 ER Diagram	12
3.5 Sequence Diagram	13
CHAPTER4: USE MANUAL	14
4.1 User Type A: Admin	14
4.2 User Type B: User	17
CHAPTER 5: PROJECT SUMMARY	21
5.1 Future Work	21

LIST OF TABLES

Table 01: Functional Requirements	7
--	----------

LIST OF FIGURES

Figure 01: Gantt chart	05
Figure 02: Use case Diagram	09
Figure 03: Activity Diagram	11
Figure 04: ER Diagram	12
Figure 05: Sequence Diagram	13
Figure 06: Admin Dashboard	14
Figure 07: Admin Country List	14
Figure 08: Admin All universities List	15
Figure 09: Admin university add	16
Figure 10: Home page	17
Figure 11: Registration for Students	18
Figure 12: Submit Students Education Information	19
Figure 13: Search Result	20
Figure 14: Ranked University's	21

CHAPTER 01: INTRODUCTION

In This era People wants do things easily and with 100% accuracy. Now Many Students going to abroad for Higher Study After their Bachelor degree. Before that they chose Country and University where they want to go. When they do that, they faced many problems. They search University's minimum requirements for apply when I find that they want to know the University ranking. They do all the things manually. It took many times to find his/her dream University. Sometimes they got many wrong information and sometimes they don't find the proper requirements. So, this thing is not an easy and time saving for a student.

There comes "University Finder" Application, where students can find their university very Easily with no effort. They just have to register on application and submit their educational background. After That Application automatically show the matched University's for him/her.

1.1. Project Overview

This is a Web based university suggester for world-wide students. Back to 2015 i just passed HSC Examination that time I decided to go to abroad to Higher Study, Then I started searching for a university. But that time I faced many difficulties for doing this. I couldn't find many Universities with my educational background. I tried manually for searching University. For this reason, an idea comes to head why not make an application where students Submit their Educational background with result after that the System Automatically show the matched University as his/her Background.

1.2. Project Purpose

The purpose of This Application is Very Simple. This Application will help Many Students all over the world to Find their desire University as their Educational Background. This Application is very User friendly. Students can Easily find their Dream University.

1.2.1 Background:

The Objective of this system is to develop an application where Students can search University as their educational background. Also, students can browse Ranking university's and they can browse Country wise University.

Requirement of project Build:

HTML5
CSS3
Bootstrap
JS
PHP7
Laravel
MySQL

1.2.2 Benefits & Beneficiaries:

There are many benefits of this Application. This will attract many students for using this application.

The benefits are given below:

- I. Time saving
- II. Secure to use
- III. User can search University easily
- IV. Flexible with efficient.
- V. It will show matched university as student's educational background.
- VI. Students will find Every information of a university.

1.2.3 Goal:

My main goal is building a system where students can find University's all over the world in one platform. They can choose a perfect University for them. Other goals are given bellow

- I. Building a system where students can match University for them with their background.
- II. Adding many University with their full information.

1.3. Stakeholders

There are two types of stakeholders in this system:

1. Admin
2. Users.

1.4 Project Schedule

1.4.1. Gantt Chart

I've taken certain steps and produced a Gantt chart to help me finish the project. I've included a chart below.



Figure 1: Gantt chart

1.4.2 Release Plan

I have the plan to release the application on the web within this month. Before releasing the full version, I have to complete some steps.

- i. Demo release: 15th March 2021
- ii. Advertisement: 27th May 2021.
- iii. Final release: 5th June 2021

CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

2.1. Requirement Specification

The functional requirements of the project are given below:

Sl no.	Name of the requirements	Priority level
01	Login/Signup	High
02	Registration	High
03	Submit Education Information	High
04	Add University and County	High
05	Remove Product University and County	High
06	Show matched University	High
07	Ranking University	Medium
08	Browse university's	Medium
09	Logout	Low

Table 01: Functional Requirement

2.2 Performance Requirements

One of the most crucial aspects of an application is its performance. The software will be more usable if the performance is good. The performance of this System will be much Fast.

2.2.1 Speed and Latency Requirements

Speed: The system will operate at a high rate.

Latency: The delay will be determined by the user.

2.2.2 Capacity Requirements

User capacity: At any given time, the website can be accessed by approximately 5000 users. The capacity will be raised in accordance with the needs of the users.

Server Details:

Hosting: 5GB Cloud Storage

CHAPTER 3: SYSTEM ANALYSIS

3.1 Use Case Diagram

A use case diagram is a visual representation of a software research. Below is my project's use case diagram.

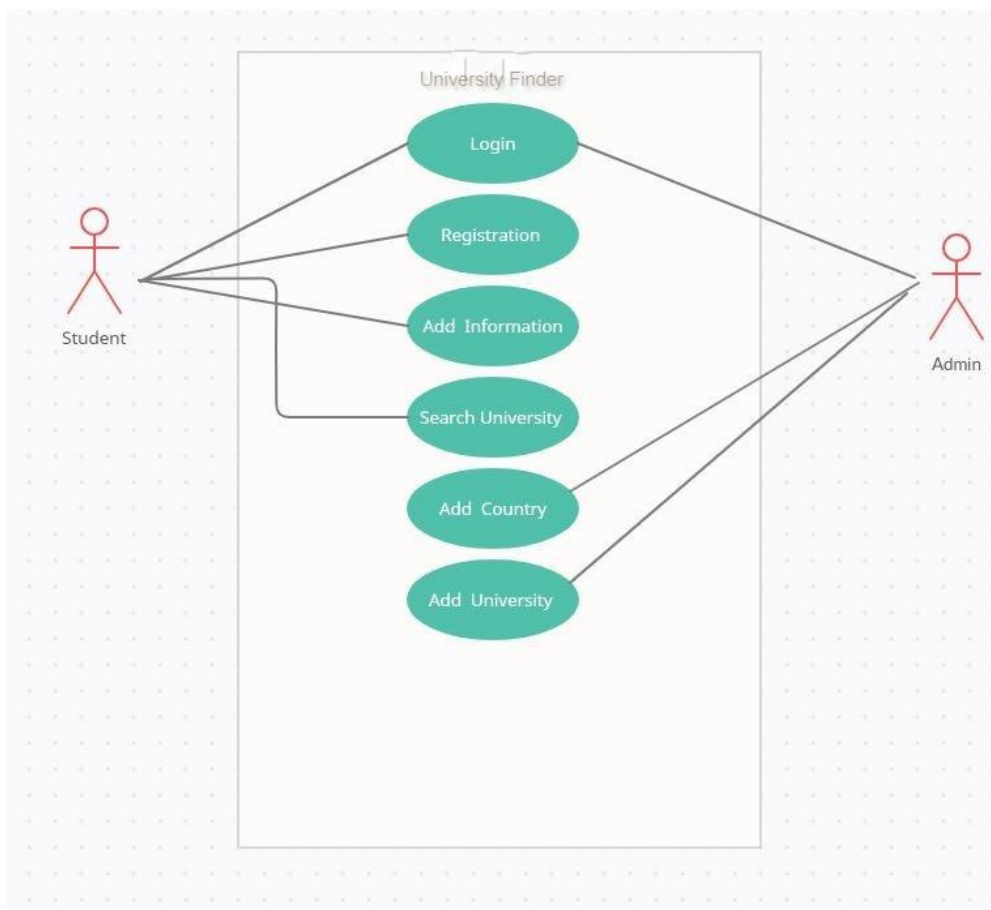


Figure 02: Use case Diagram

3.2 Use Case Description

- I. Registration: user have to Complete Registration Before Using the matching Service
- II. Login: User and admin both have to login before Using the System.
- III. Add Information: User will add Information In their profile when they login after Registration.
- IV. Search University: User can Search University when they Submit their Educational Information.
- V. Add County: Admin can Add university with full information of a university.
- VI. Add Country: Admin can add County for Adding County wise University.

3.3 Activity Diagram

The activity diagram of my project is given below:

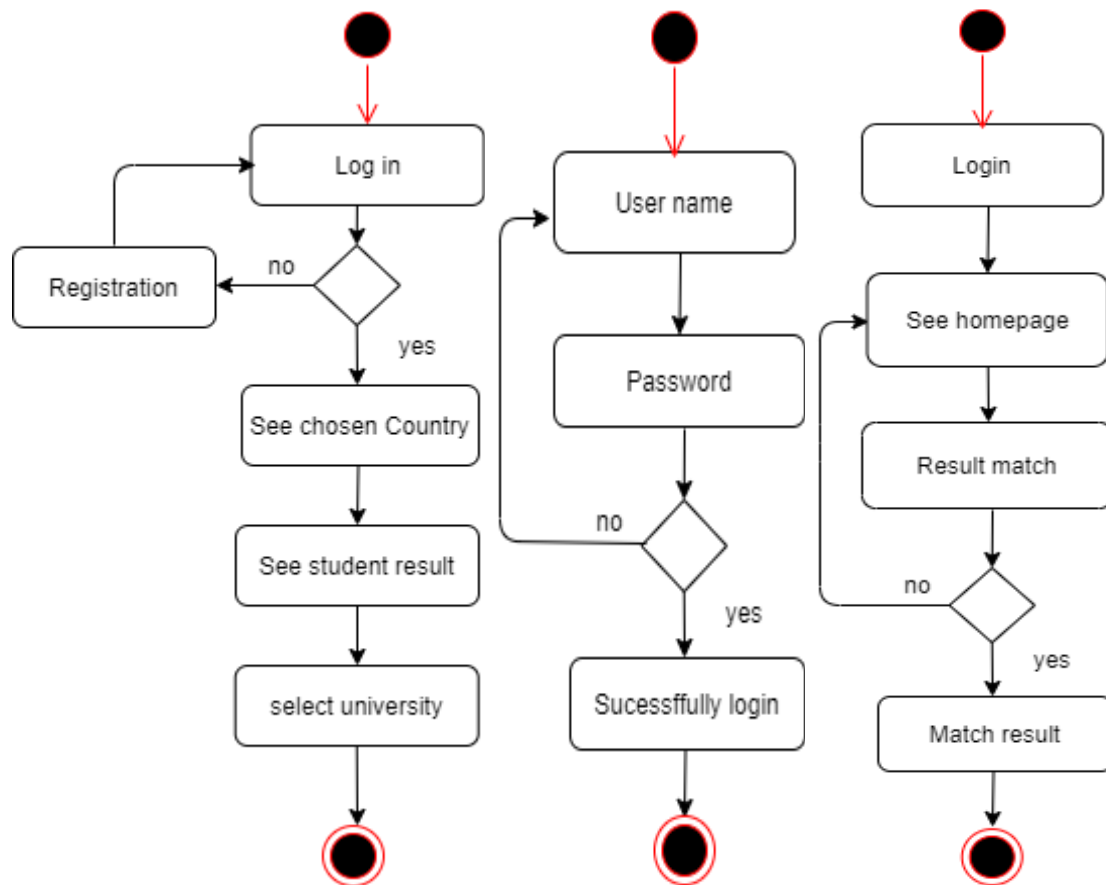


Figure 03: Activity Diagram

3.4 ER Diagram

The ER diagram of my project is given below:

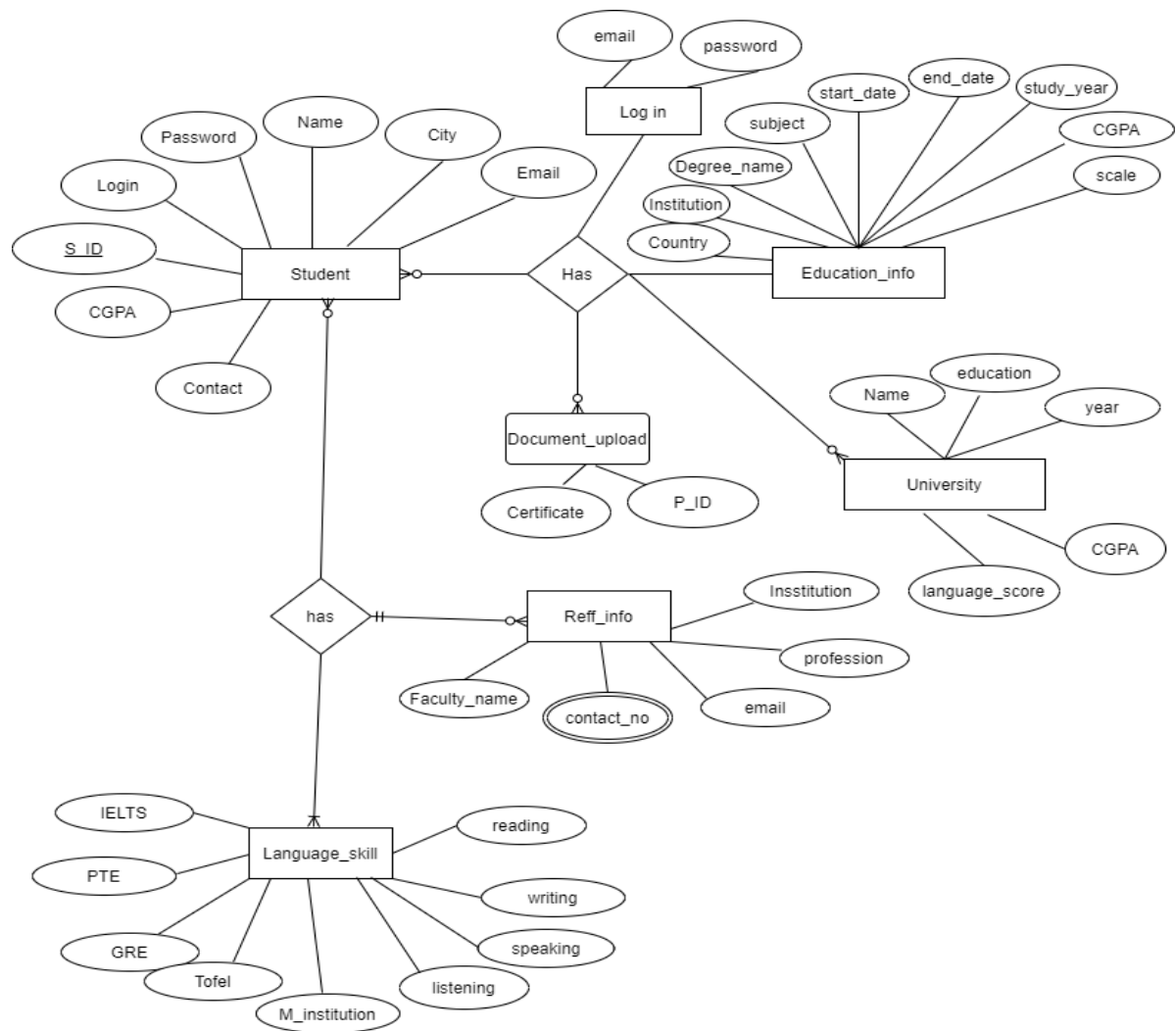


Figure 04: ER Diagram

3.5 Sequence Diagram

The Sequence diagram of my project is given below:

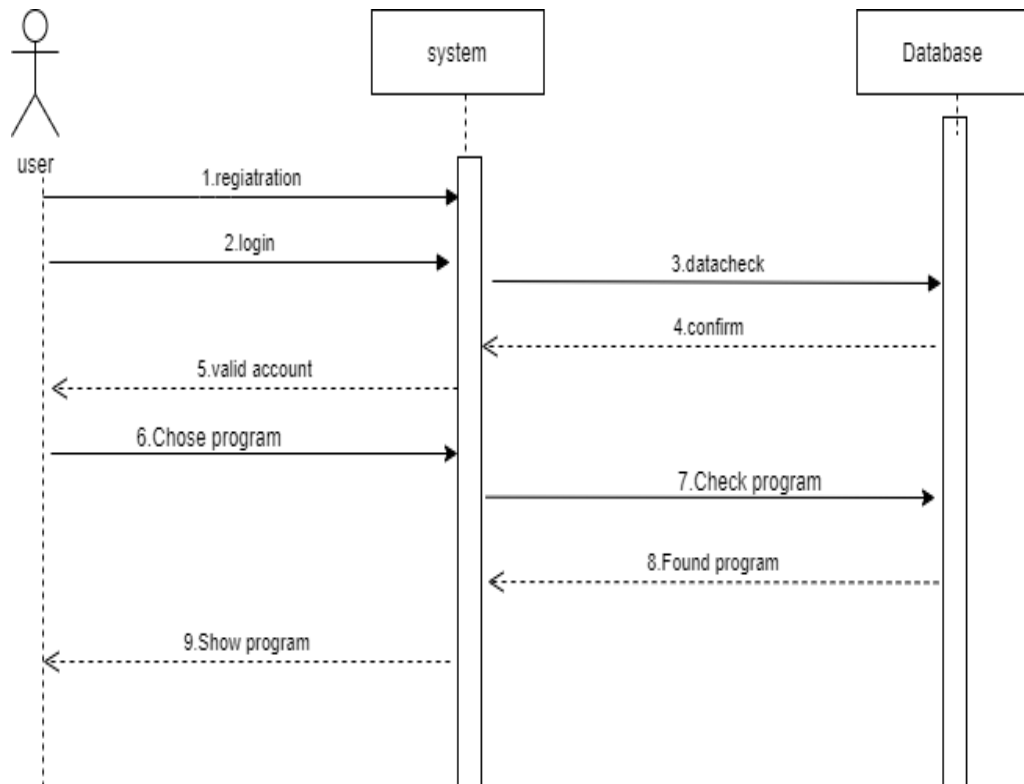


Figure 05: Sequence Diagram

CHAPTER 4: USER MANUAL

User Type:

- I. User Type A: Admin
- II. User Type B: User

4.1 User Type A: Admin

Admin Dashboard:

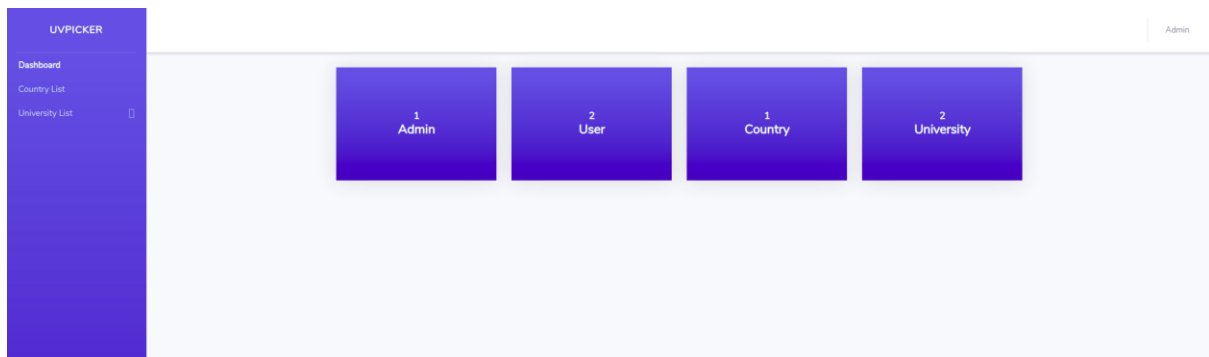


Figure 6: Admin Dashboard

Admin Country List:


Country List				New Country
SL	Name	Flag	Action	
1	Bangladesh		Edit	Delete

Figure 7: Admin Country List

Admin all universities List:

All University of Bangladesh									
SL	Name	World Rank	IELTS	GRE	TOFEL	CGPA	Address	Website	Action
1	American International University (AIUB)	3	6	4	4	3.5	Dhaka	https://www.aiub.edu/	Edit Delete
2	Daffodil International University	5	6	5	4	3.00	Dhaka	https://daffodiluniversity.edu.bd/	Edit Delete

Figure 8: Admin all universities List

Admin University Add:

Make New University

Choose Country
Select Country

University Name
Enter University Name

University ranking
Enter World Ranking

IELTS Score
Enter IELTS Score

GRE Score
Enter GRE Score

TOFEL Score
Enter TOFEL Score

PTE Score
Enter PTE Score

Bachelor CGPA
Enter Bachelor CGPA

Address
Enter Address

Website Link
Enter Website Link

Choose Image
Choose File No file chosen

SAVE UNIVERSITY

Figure 9: Admin university add

4.2 User Type B: User

Home Page:

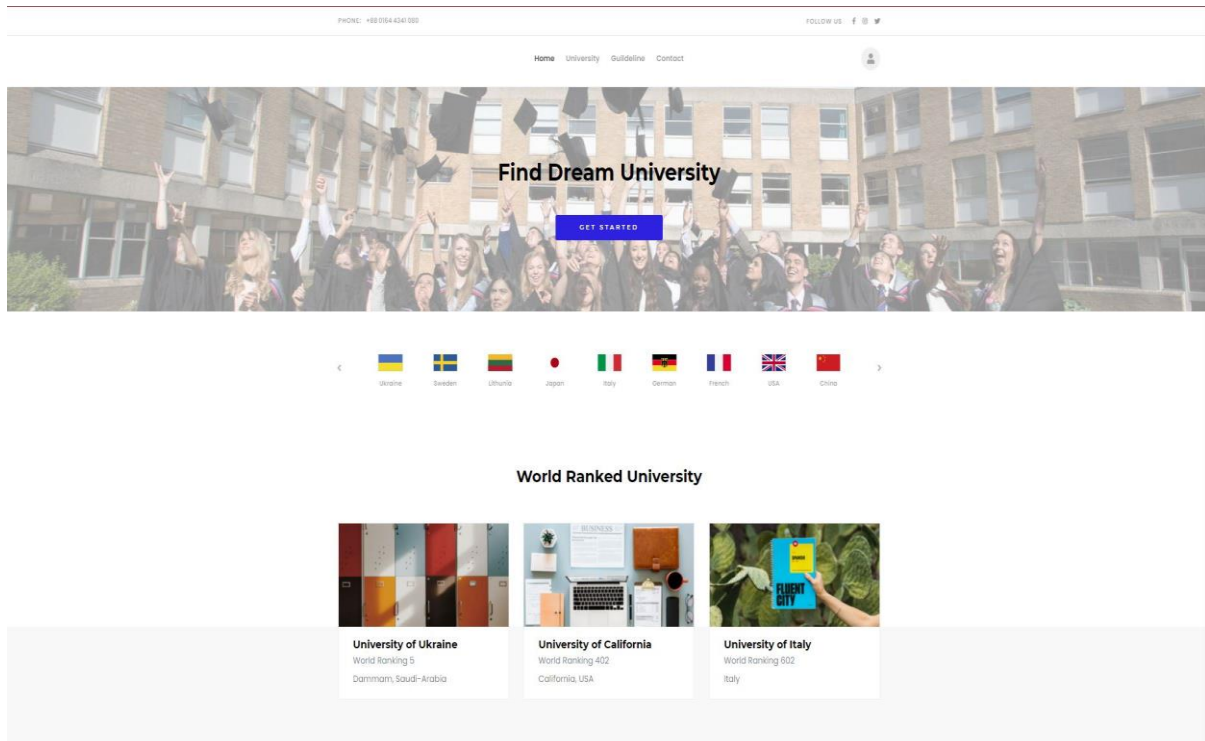


Figure 10: Home Page

Registration For Students:

The image shows a web registration form titled "Register" centered on a page. The page has a header with a phone number "+91 2064 4341281" and social media icons for Facebook, Twitter, and LinkedIn. A navigation menu includes "Home", "University", "Subsidiary", and "Contact". A "Sign Up" button is visible in the top right. The registration form itself contains the following fields and elements:

- Name:** A text input field.
- E-Mail Address:** A text input field.
- Phone Number:** A text input field.
- Password:** A text input field.
- Confirm Password:** A text input field.
- Register:** A blue button.
- Already have an account?** Text with a link to "Login".

Figure 11: Registration for Students

Submit Students Education Information:

PHONE: +88 0164 4341 080 FOLLOW US [f](#) [@](#) [t](#)

[Home](#) [University](#) [Guideline](#) [Contact](#) [Profile](#) [Logout](#) 👤




<p>Name</p> <input type="text" value="sobuj"/>	<p>Gender</p> <input type="text" value="Select Gender"/>
<p>Blood group</p> <input type="text" value="Select blood group"/>	<p>Date of birth</p> <input type="text" value="mm/dd/yyyy"/>
<p>Address</p>	
<p>Country</p> <input type="text" value="Select Country"/>	<p>City</p> <input type="text" value="Enter your city"/>
<p>State</p> <input type="text" value="Enter your state"/>	<p>Contact</p> <input type="text" value="Enter your contact number"/>
<p>Language Skill</p>	
<p>Select language</p> <input type="text" value="Select Language"/>	
<p>Education Info.</p>	
<p>Country</p> <input type="text" value="Select Country"/>	<p>Institution</p> <input type="text" value="Enter institution name"/>
<p>Degree</p> <input type="text" value="Enter degree name"/>	<p>Subject</p> <input type="text" value="Enter subject name"/>
<p>Start date</p> <input type="text" value="mm/dd/yyyy"/>	<p>End date</p> <input type="text" value="mm/dd/yyyy"/>


Figure 12: Submit Students Education Information


Search Result:

The screenshot shows a web interface for a search result. At the top, there is a header with the phone number '+88 0164 4341 080' on the left and 'FOLLOW US' with social media icons for Facebook, Instagram, and Twitter on the right. Below the header is a navigation menu with links for 'Home', 'University', 'Guideline', 'Contact', 'Profile', and 'Logout', along with a user profile icon. The main content area features a 'Welcome Robin' message and a notification that '1 universities are mathcing with your profile .'. A card for 'University Of Japan' is displayed, listing applicant requirements: World Ranking: 5022, IELTS Score: 5, GRE Score: 3, TOFEL Score: 4, PTE Score: 3, Bachelor CGPA: 3, and Address: Tokyo, Japan. A link to 'Visit website to apply: www.ju.edu.jp' is provided. At the bottom, a dark footer contains a 'University Finder' section with a description of the site's purpose and an 'About Us' section with links to Home, University, Guideline, Contact us, and Privacy.

PHONE: +88 0164 4341 080

FOLLOW US   

[Home](#) [University](#) [Guideline](#) [Contact](#) [Profile](#) [Logout](#) 

[Profile](#) 

Welcome Robin

1 universities are mathcing with your profile .

University Of Japan

Applicant requirements

World Ranking: 5022

IELTS Score: 5

GRE Score: 3

TOFEL Score: 4

PTE Score: 3

Bachelor CGPA: 3

Address: Tokyo, Japan

Visit website to apply: www.ju.edu.jp

University Finder

Description

When a student enter this website then he can show firstly home page.After you can choose any option when you view other catagory.Like as University Guidline, contact etc.First of all a student very Important for her registration in

About Us

[Home](#)

[University](#)

[Guideline](#)

[Contact us](#)

[Privacy](#)

Figure 13: Search Result

Ranked University's:

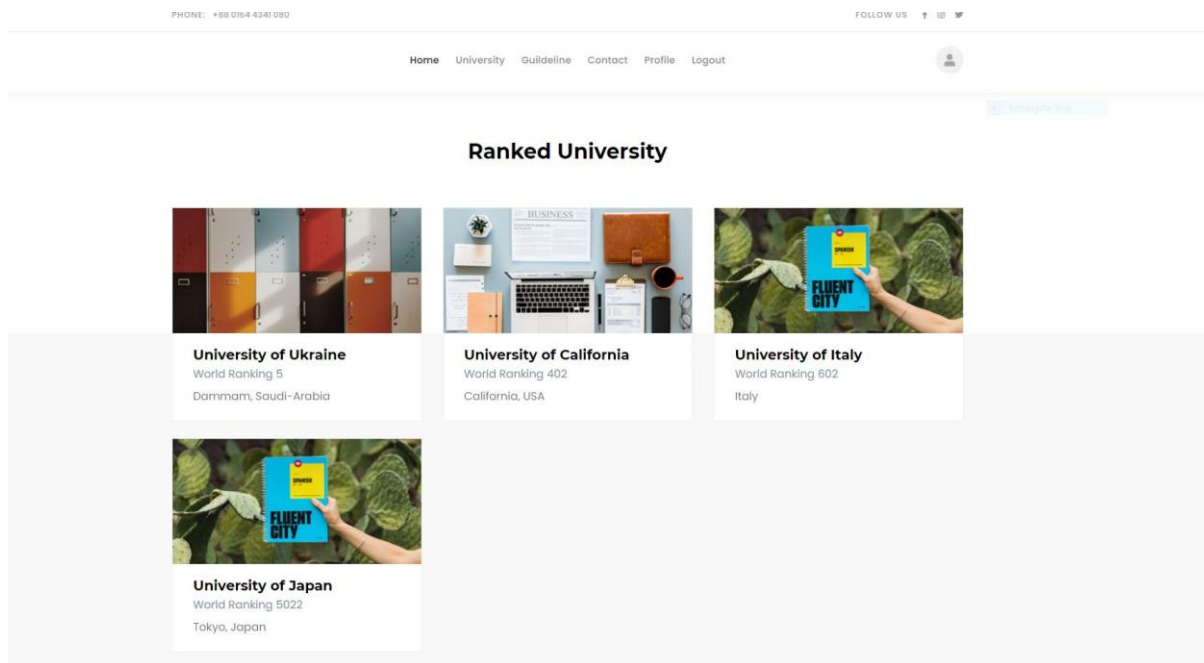


Figure 14: Ranked University's

CHAPTER 5: PROJECT SUMMARY

5.1 Future Work

- ❖ I will add a program when This System Automatically update University's with their requirement's.
- ❖ I will buy a domain and Server for this Application.
- ❖ I will release a premium version of this.
- ❖ I will also add a payment gateway