

FLY- HIGH HIGHER STUDIES WEBSITE

A MINI-PROJECT REPORT

Submitted by

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ANNA UNIVERSITY

CHENNAI

BONAFIDE CERTIFICATE

Certified that this project **“FLY- HIGH HIGHER STUDIES WEBSITE”** is the bonafide work of **“EASHAAN MANOHAR 200701070”** who carried out the project work under my supervision.

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INTERNAL EXAMINER

EXTERNAL EXAMINER

ABSTRACT

“No dream must go unaccomplished just because we didn’t have the path to tread on”. Nearly one third of Indian students plan to study abroad every year. This is a very significant population of the student community that can’t be overlooked. Unfortunately, only 27% have the right guidance and ideas on how to go about preparing for higher studies (M.Tech, M.S., PhD etc.). Whereas, in the case of placements we have a plethora of content available on the internet. Higher studies require a lot of pre-planning and homework. Given the hyper competition that prevails in foreign education, it is vital that we are well equipped to ace the challenge. E.g. Stanford University, MIT have acceptance rates as low as 4 percent. The higher studies companion website will help in tackling this problem. The website will contain information such as (but not limited to) requirements for each university based on user choice, university selector tool, university rankings based on various parameters. The kind of website I intend to develop will prove as a guiding light to all those people and dreamers who are in pursuit of higher studies, but are in a state of dilemma as the lack of information regarding this holds them back. The dynamic website will also accept user inputs to navigate and serve them better in a more personalized way. The website will comprise of HTML, CSS and JavaScript along with backend connectivity for ease of storing and retrieving of data and information. Thus, this website aims to cater those students who are in need of guidance for higher studies and will prove effective in bursting the jargon of “Higher Education”.

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LIST OF SYMBOLS AND ABBREVIATIONS

- 1. JS** – JAVASCRIPT
- 2. PHP** – HYPERTEXT PREPROCESSOR

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Higher studies industry accounts for nearly 6% of the global economy and unfortunately there is a dearth of information that students may find useful during their preparation for higher studies. This was the small fire that inspired me to create a website that'll serve the purpose of a guiding light for all the higher education preparation. The need for a clean and simple website devoid of any jargons or unwanted stuff is immense.

1.2 SCOPE OF THE WORK

In Tamil Nadu alone there are nearly 3 lakh engineering students. The amount of Indians wanting to pursue higher education will sweep us off. We are talking about roughly a billion dollar industry with a potential to earn handsomely. Above the amount, it is a service of mass level where we can guide lakhs of students who are in need for cost-effective resource during their higher studies website. Various colleges can avail this website for the benefit of students.

1.3 PROBLEM STATEMENT

Nearly one third of Indian students plan to study abroad every year. This is a very significant population of the student community that can't be overlooked. Unfortunately, only 27% have the right guidance and ideas on how to go about preparing for higher studies (M.Tech, M.S., PhD etc.). Whereas, in the case of placements we have a plethora of content available on the internet. Higher studies require a lot of pre-planning and homework. Given the hyper competition that prevails in foreign education, it is vital that we are well equipped to ace the challenge. E.g. Stanford University, MIT have acceptance rates as low as 4 percent.

1.4 AIM AND OBJECTIVES OF THE PROJECT

The project aims to tackle the complexity of higher education by providing the ground level and foundational details for the user to keep in mind during his preparation and also in the motive to reduce his financial burden by saving his time and money during selection, application of universities and other preparation related work.

CHAPTER 2

SYSTEM SPECIFICATIONS

2.1 HARDWARE SPECIFICATIONS

Processor	:	Pentium IV Or Higher
Memory Size	:	256 GB (Minimum)
HDD	:	40 GB (Minimum)

2.2 SOFTWARE SPECIFICATIONS

Operating System	:	WINDOWS 07 Or XP
Front – End	:	HTML,CSS,JS,BOOTSTRAP
Back - End	:	MYSQL 5.1,PHP
Language	:	JS,PHP,MYSQL
Server Software	:	XAMPP SERVER SOFTWARE

CHAPTER 3

MODULE DESCRIPTION

1. LANDING PAGE

The landing page of the higher studies website contains a minimalistic design for the user to be lured to the website using HTML and CSS. The website contains the tagline and button to navigate further and in addition to these, there is a footer that helps the users to connect with the organization. The main aim of this page is to get the user started i.e. making him/her familiar with the website and how things go about.

2. WALKTHROUGH PAGE

This page is where the user gets idea of what the process of higher education involves. The user comes to terms with what are the various components involved in applying for higher studies and also, how much important is it to weigh in each component with careful examination, so as to get the maximum benefit out of the website during their higher education preparation. The page then contains a back button to navigate to previous page and also button for moving forward to the services website.

3. FLY-HIGH WEBSITE

This website solely aims to help the user by providing services that might be useful for their higher studies. The user can explore various services which the website or the organization has to offer. The website's UI/UX design have been curated so that the user has a pleasant experience going about navigating the webpage.

4. REGISTRATION PAGE

Once the user decides their choice of service or course they would like to enrol in for their higher studies preparation, they can register their details for the organization to contact them and intimate them about the subsequent procedures. Their details get stored in the database, where their name, details of the course and their point of contact are stored for the organization to contact them.

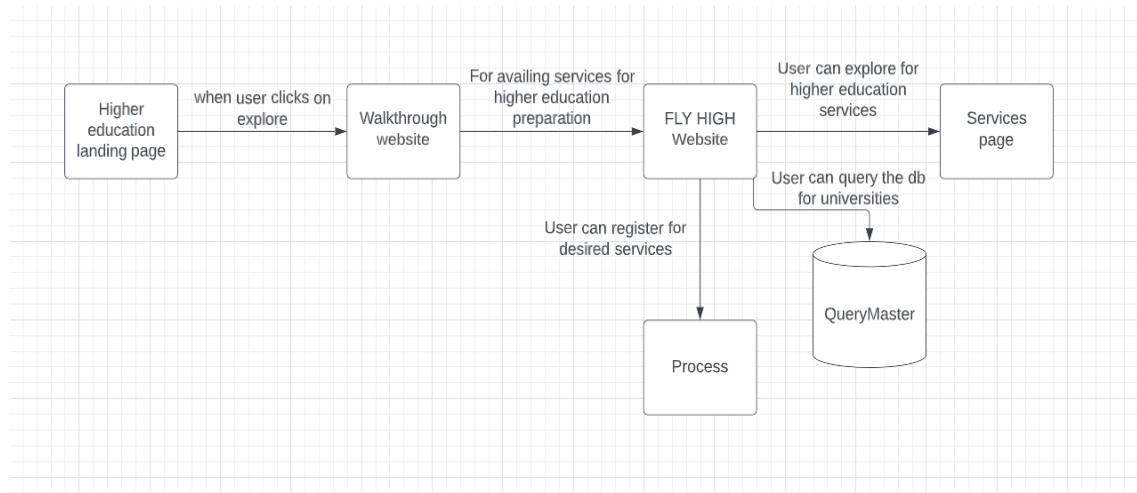
5. QUERYMASTER PAGE

This is a unique feature of the website designed for the user to get university list based on the parameters the user enters. The details from the user are collected using a form which is then sent to the db for querying and fetching the table containing details of university and displaying it in a clean way for the user to comprehend and interpret.

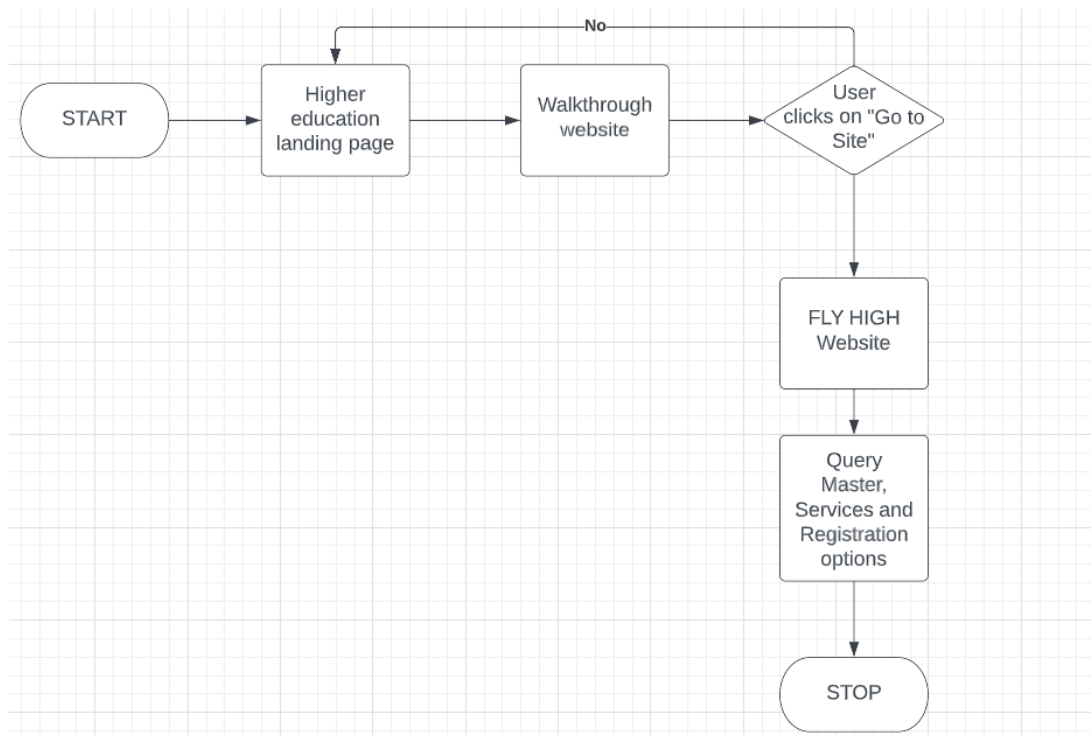
CHAPTER 4

SYSTEM DESIGN

4.1 ARCHITECTURE DIAGRAM



4.2 FLOW CHART



CHAPTER 5

SAMPLE CODING

```
//mainsite.html
```

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Academics</title>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1,0">
```

```
<link rel="stylesheet" type="text/css" href="style1.css">
```

```
<link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css' rel='stylesheet'>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<a href="#" class="logo">FLY-HIGH</a>
```

```
<ul class="navigation">
```

```
<li><a href="#" class="active">Home</a></li>
```

```
<li><a href="#">About</a></li>
```


Info

Enquire

</header>

<section class="parallax">

<h2 id="text">AIM HIGHER!</h2>

</section>

<section class="sec">

<h2>Higher Studies Services</h2>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>

</section>

<div class="bodi">

<div class="contain1">

<div class="box">

<h2>01</h2>

<h3>SOP & LOR Review</h3>

<p>A complete perusal of your SOP and LOR for getting the dream admit!. Offers insights and valuable suggestions to make a stellar SOP!</p>

</div>

<div class="box">

<h2>02</h2>

<h3>Mock Test</h3>

<p>Dedicated proctored mock test for GRE, GMAT, IELTS, TOEFL along with AI generated test reports!</p>

</div>

<div class="box">

<h2>03</h2>

<h3>Complete Admit Buddy</h3>

<p>All-in-one solution for your higher studies preparation. From the time of applying to getting your dream admit. We've got them covered for you!</p>

</div>

</div>

</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/gsap/3.11.3/gsap.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/gsap/3.11.3/ScrollTrigger.min.js"></script>

<script>

gsap.from("#m1",{

 ScrollTrigger : {

 scrub: true

 },

 y: 100,

})

gsap.from("#m2",{

 ScrollTrigger : {

 scrub: true

 },

 y: 50,

})

```
gsap.from("#t2",{
```

```
  ScrollTrigger : {
```

```
    scrub: true
```

```
  },
```

```
  x: -50,
```

```
})
```

```
gsap.from("#t1",{
```

```
  ScrollTrigger : {
```

```
    scrub: true
```

```
  },
```

```
  x: 50,
```

```
})
```

```
gsap.from("#man",{
```

```
  ScrollTrigger : {
```

```
    scrub: true
```

```
  },
```

```
  x: -250,
```

```
})
```

```
gsap.from("#plants",{
```

```
  ScrollTrigger : {
```

```
    scrub: true
```

```
  },
```

```
  x: -50,
```

```
})
```

```
gsap.from("#text",{
```

```
  ScrollTrigger : {
```

```
    scrub: true
```

```
  },
```

```
  x: 600,
```

```
})
```

```
</script>
```

```
</body>
```

```
</html>
```

```
//connect.php
```

```
<?php
```

```
    $firstName = $_POST['firstName'];
```

```
    $lastName = $_POST['lastName'];
```

```
    $gender = $_POST['gender'];
```

```
    $email = $_POST['email'];
```

```
    $courseName = $_POST['courseName'];
```

```
    $number = $_POST['number'];
```

```
    // Database connection
```

```
    $conn = new mysqli('localhost','root','','test');
```

```
    if($conn->connect_error){
```

```
        echo "$conn->connect_error";
```

```
        die("Connection Failed : ". $conn->connect_error);
```

```
    } else {
```

```
        $stmt = $conn->prepare("insert into registration(firstName, lastName,  
gender, email, courseName, number) values(?, ?, ?, ?, ?, ?)");
```

```
        $stmt->bind_param("sssssi",  $firstName,  $lastName,  $gender,  
$email, $courseName, $number);
```

```
$execval = $stmt->execute();
```

```
echo $execval;
```

```
echo "Registration successful... We will get back to you soon!";
```

```
$stmt->close();
```

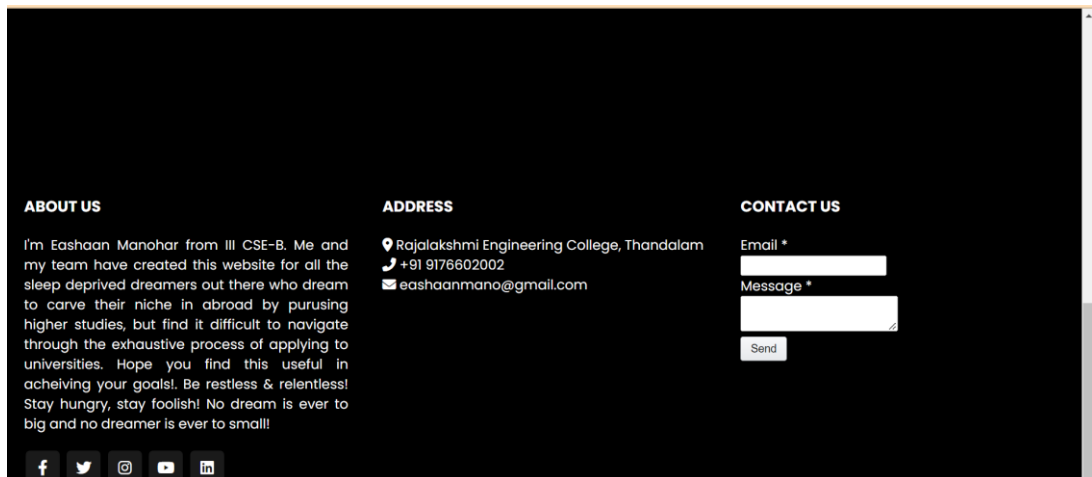
```
$conn->close();
```

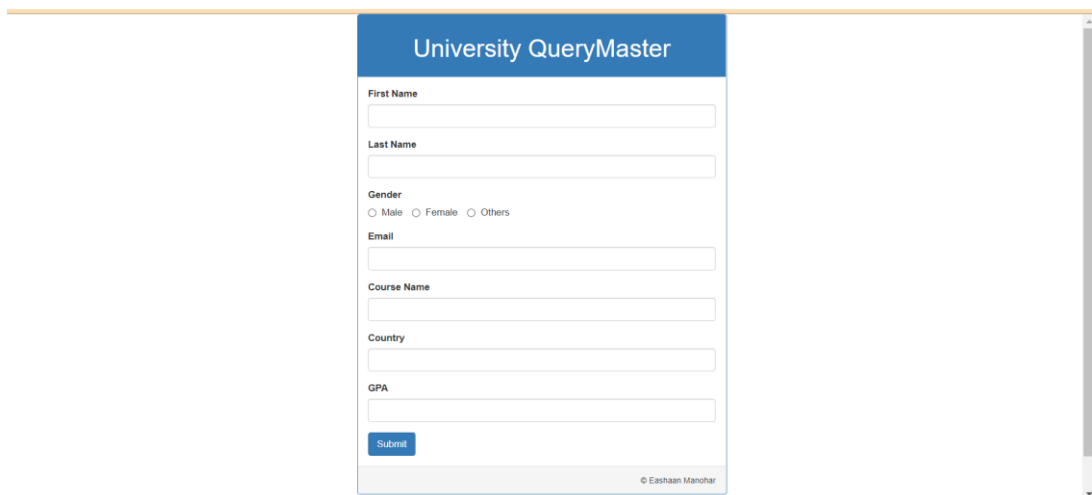
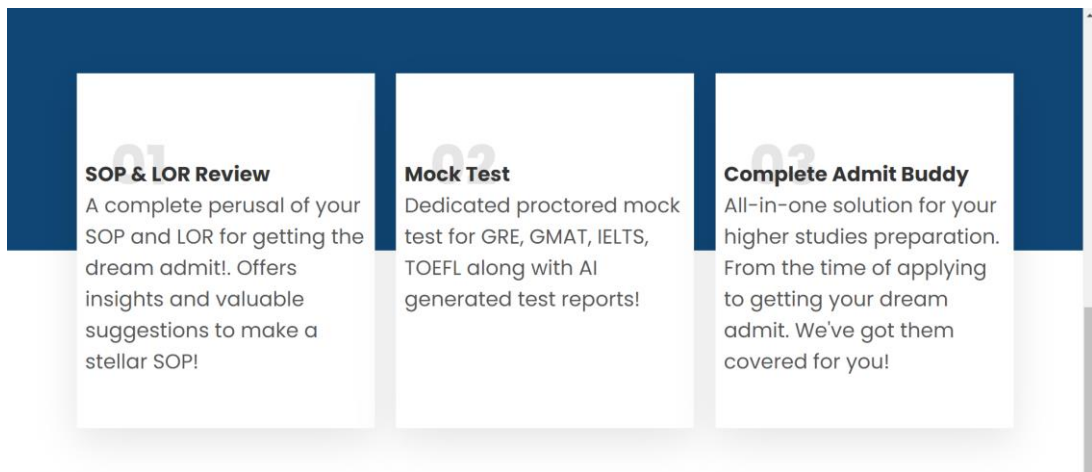
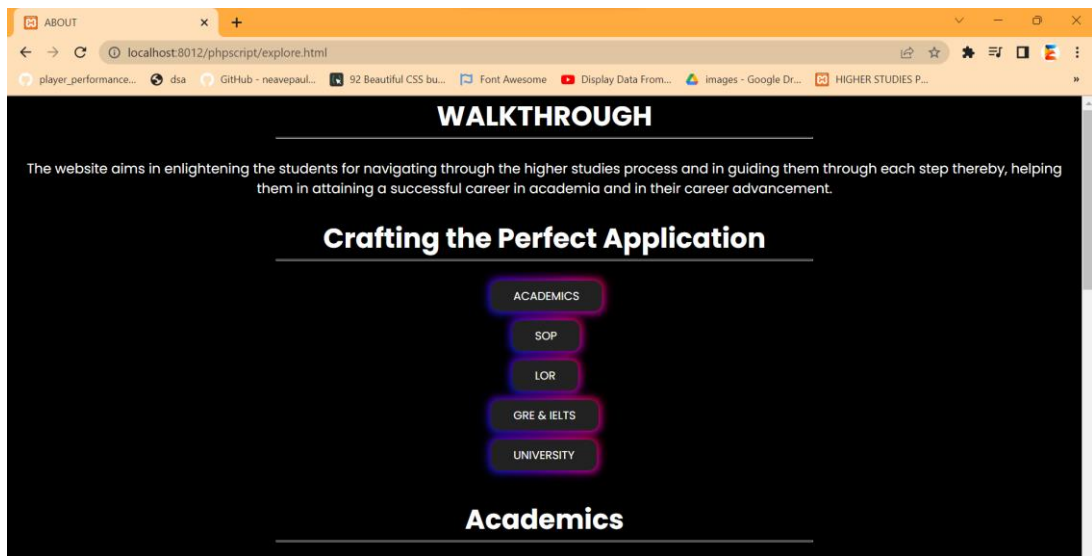
```
}
```

```
?>
```

CHAPTER 6

SCREEN SHOTS





Rank	University	Country	Course	GPA(AVG)	Acceptance Rate
1	Stanford University	USA	MS-CS	9.1	5%
2	Georgia Tech	USA	MS-CS	8.2	21%

Registration Form For Services

First Name

Last Name

Gender

☐ Male ☐ Female ☐ Others

Email

Course Name

Phone Number

Submit

CHAPTER 7

CONCLUSION AND FUTURE ENHANCEMENT

Through this mini project, various concepts pertaining to internet programming were studied exhaustively. Concepts like HTML, CSS, Javascript, Bootstrap and PHP were implemented through the website centered around higher studies. I was able to study what goes into making a website from scratch along with handling the frontend and backend separately while keeping in mind the UI/UX i.e. styling and logical structure of the website. The techniques and exercises learnt in our classes were put to effective and practical use to come up with a website that helps in serving students aiming for higher studies.

Although the project is working as expected, I intend to scale-up the project with the aim of creating a platform similar to GFG, StackOverflow but for the purpose of higher studies unlike placements, which can be of great help to college students. I also wish to make this website globally available by hosting it on the web. Apart from this, more attractive and modern tools like Figma could also be used along with frameworks like React/Nodejs for making this application as a single page one and also more attractive and user-centric.

REFERENCES

1. <https://mdndocs.com>
2. <https://www.google.com>
3. <https://www.tutorialspoint.com>
4. <https://www.youtube.com>
5. <https://www.youtube.com/codewithharry>
6. <https://www.w3schools.com>