

VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAUM



A Mini Project report on

“ATRIA FANCLUB - HOGWARTS”

Submitted in partial fulfillment of the requirement for the award of Degree of

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

By

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Certificate

Certified that the Mini Project entitled “**ATRIA FANCLUB-HOGWARTS**” is a bonafide work carried out by **SUPRITHA S RAO (1AT16CS108)** in partial fulfillment for the award of degree of **Bachelor of Engineering in Computer Science & Engineering of the Visvesvaraya Technological University, Belgaum** during the year **2019- 2020**. It is certified that all corrections/ suggestions indicated for internal assessments have been incorporated in the Report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirements in respect of Mini Project work prescribed for the **Bachelor of Engineering Degree**.

Signature of Guide
VEENA S

Signature of H.O.D
DR AISHWARYA P

Name of the examiners

Signature with date

1.

2.

DECLARATION

SUPRITHA S RAO student of VII semester B.E in Computer Science & Engineering at Atria Institute of Technology, hereby declare that the mini-project work entitled “ATRIA FANCLUB-HOGWARTS” has been carried out by us under the supervision of Ms. Veena S. Assistant Professor, Dept. of CS&E, Atria Institute of Technology and submitted in partial fulfillment of the course requirements for the award of degree in B.E in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi during the year 2019-2020. We further declare that the report has not been submitted to any other University for the award of any other degree.

Place: Bangalore

Date: 22/11//2019

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ABSTRACT

Atria Fanclub - HOGWARTS, is a club for all the potterheads. Harry Potter is a series of fantasy novels written by British author J. K. Rowling. The novels chronicle the lives of a young wizard, Harry Potter, and his friends, all of whom are students at Hogwarts School of Witchcraft and Wizardry. The main story concerns Harry's struggle against Lord Voldemort, a dark wizard who intends to become immortal, overthrow the wizard governing body known as the Ministry of Magic and subjugate all wizards and Muggles (non-magical people). Harry Potter series is a well-known movie series as well that has its own fan base. So HOGWARTS provide a one stop destination for all the students of Atria who love these series and become a part of the fandom. Also, register themselves for various events and know more about their fictional characters along with fun-filled games and quizzes. It is a relaxation club as well as a club that makes students closer to their favorite characters by reading the regular blogs posted by their fellow mates and enjoy the adventurous games that the fanclub provides weekly.

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INTRODUCTION

1.1 Introduction to Web Technology

Computers don't communicate with each other the way that people do. Instead, computers require codes, or directions. These binary codes and commands allow computers to process needed information. Every second, billions upon billions of ones and zeros are processed in order to provide you with the information you need. The methods by which computers communicate with each other through the use of markup languages and multimedia packages is known as web technology. In the past few decades, web technology has undergone a dramatic transition, from a few marked up web pages to the ability to do very specific work on a network without interruption.



1.2 XHTML and HTML

XHTML stands for Extensible HyperText Markup Language. It is the next step to evolution of internet. The XHTML was developed by World Wide Web Consortium (W3C). It helps web developers to make the transition from HTML to XML. Using XHTML, developers can enter the XML world with all the features of it, and they can still remain confident about the backward and future compatibility of the content. The XHTML 1.0 is the first document type in the XHTML family and it is recommended by W3C in 26 January 2000. The XHTML 1.1 is recommended by W3c in 31 May 2001. The XHTML5 is a standard and is used to develop an XML adaptation of the HTML5 specification.

The XHTML documents contains three parts, which are discussed below:

- ✚ DOCTYPE: It is used to declare a DTD.
- ✚ head: The head section is used to declare the title and other attributes.
- ✚ body: The body tag contains the content of web pages. It consists many tags.

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995. HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 4.01, and this version was published in 2012.



1.3 CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content. CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes.

HTML was NEVER intended to contain tags for formatting a web page!

HTML was created to describe the content of a web page, like:

```
<h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>
```

When tags like ``, and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers. Development of large websites, where fonts and color information were added to every single page, became a long and expensive process. To solve this problem, the World Wide Web Consortium (W3C) created CSS. CSS removed the style formatting from the HTML page!

1.4 JAVASCRIPT

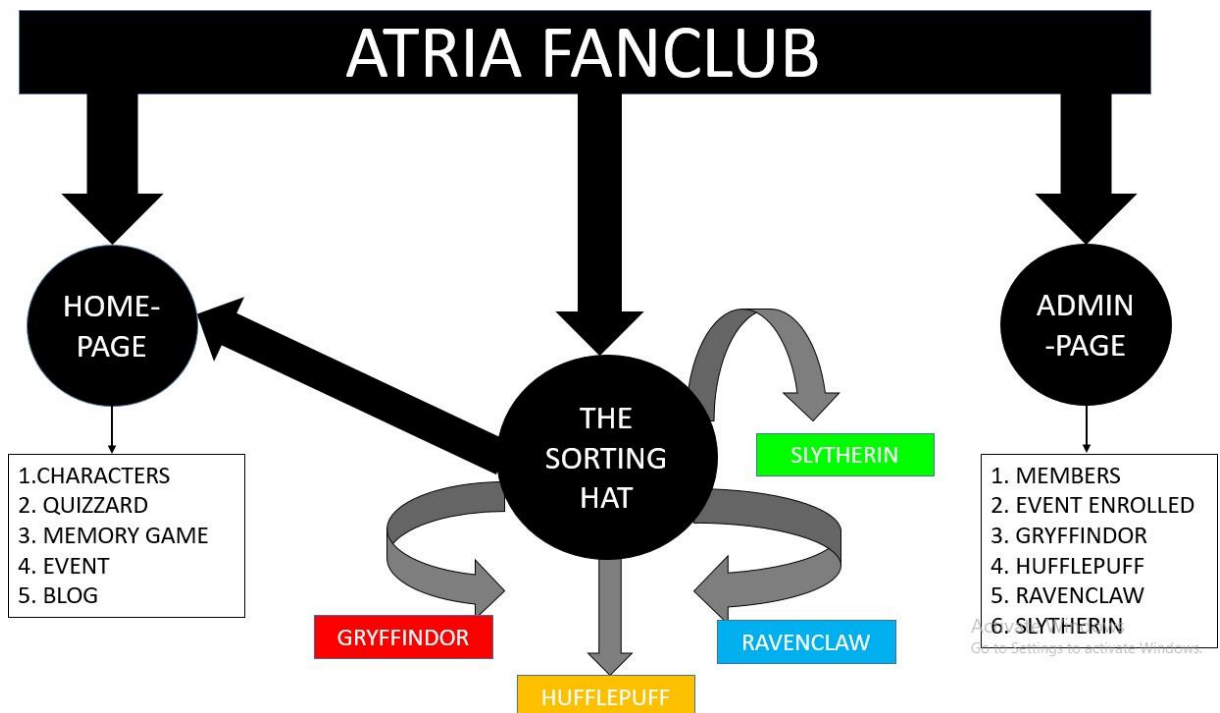
Often abbreviated as JS, is a high-level, interpreted scripting language that conforms to the ECMAScript specification. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it, and major web browsers have a dedicated JavaScript engine to execute it as a multi-paradigm language, JavaScript supports event-driven, functional, and imperative (including object-oriented and prototype-based) programming styles. It has APIs for working with text, arrays, dates, regular expressions, and the DOM,

but the language itself does not include any I/O, such as networking, storage, or graphics facilities. It relies upon the host environment in which it is embedded to provide these features.

1.5 Brief outline to the Project

HOGWARTS provide a one stop destination for all the students of Atria who love these series and become a part of the fandom. Also, register themselves for various events and know more about their fictional characters along with fun-filled games and quizzes. It is a relaxation club as well as a club that makes students closer to their favorite characters by reading the regular blogs posted by their fellow mates and enjoy the adventurous games that the fanclub provides weekly.



REQUIREMENT ANALYSIS

2.1 Hardware Requirements:

- ✚ Device name: DESKTOP-Q331035
- ✚ Processor: Intel® Core™ i5-8250U
- ✚ RAM: 8.00 GB
- ✚ System type: 64-bit operating system, x64-based processor
- ✚ Input devices: Keyboard, Mouse.
- ✚ Output devices: Monitor.

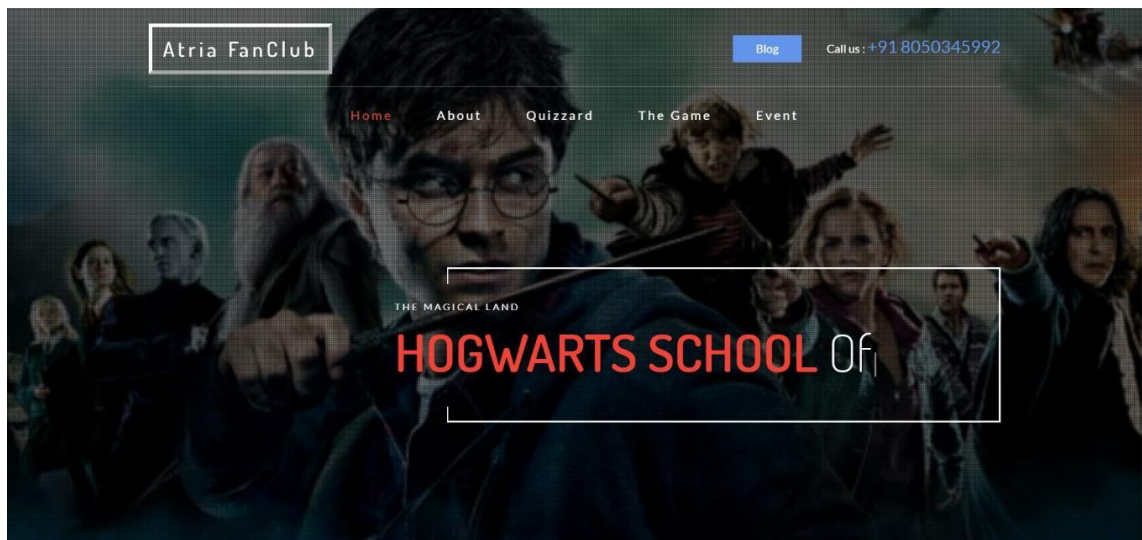
2.2 Software Requirements:

- ✚ Windows 10 Home Single Language
- ✚ Version: 1709
- ✚ ATOM 2017
- ✚ XAMPP Control Panel
- ✚ phpMyAdmin
- ✚ MySQL, Tomcat

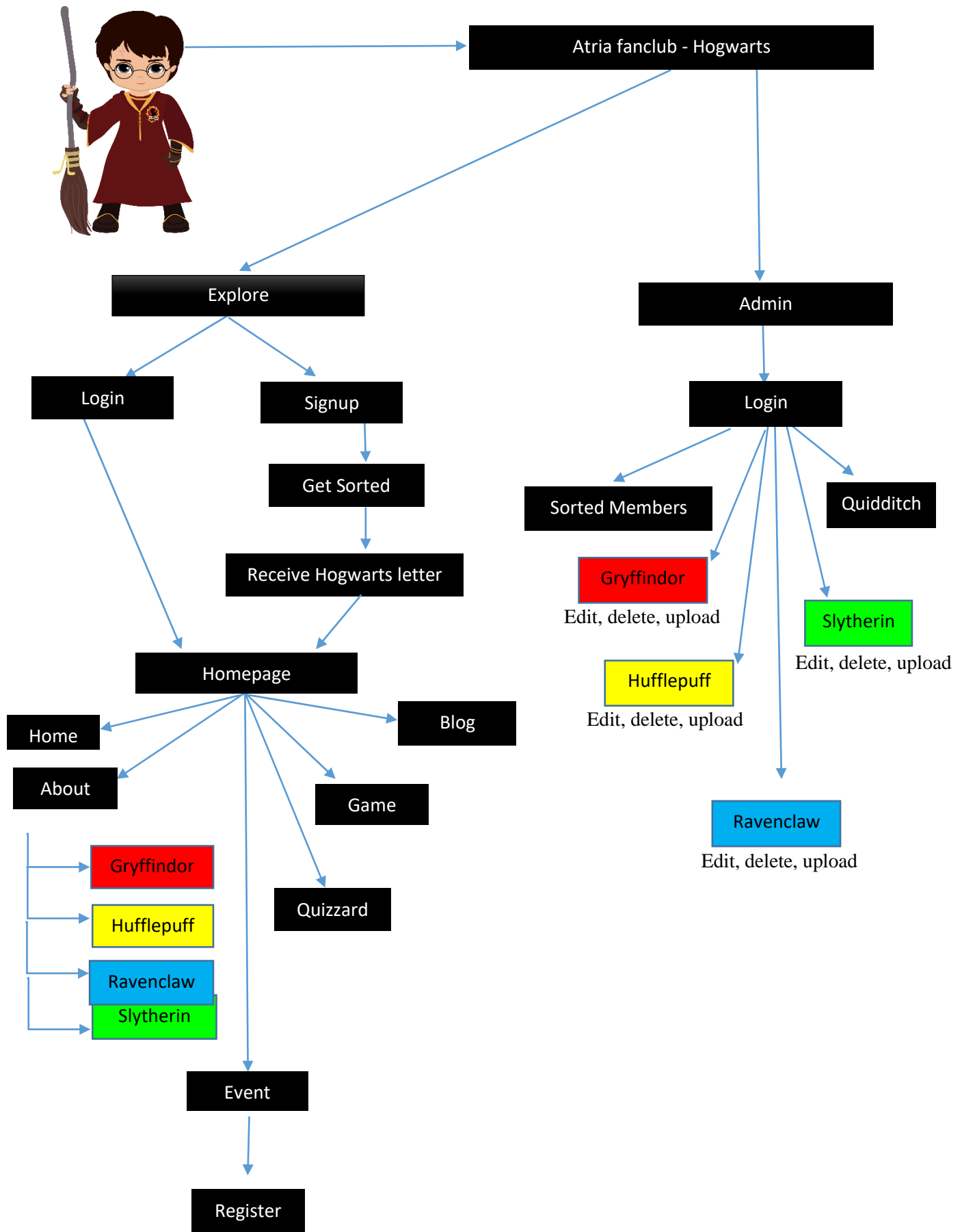
SYSTEM DESIGN

3.1 User-interface Design

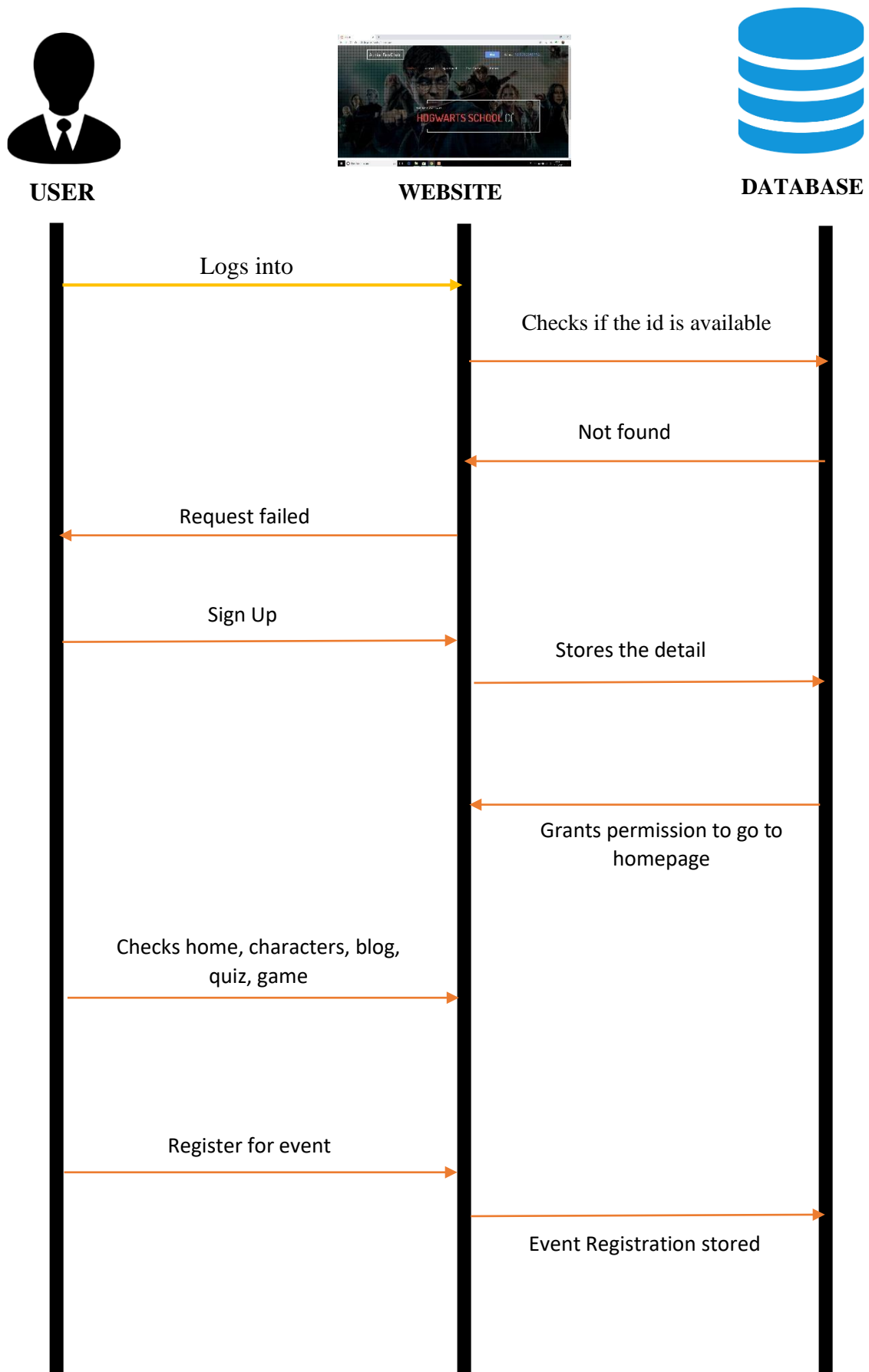
User interface design (UI) or user interface engineering is the design of user interfaces for machines and software, such as computers, home appliances, mobile devices, and other electronic devices, with the focus on maximizing usability and the user experience. The goal of user interface design is to make the user's interaction as simple and efficient as possible, in terms of accomplishing user goals (user-centered design). Good user interface design facilitates finishing the task at hand without drawing unnecessary attention to itself. Graphic design and typography are utilized to support its usability, influencing how the user performs certain interactions and improving the aesthetic appeal of the design; design aesthetics may enhance or detract from the ability of users to use the functions of the interface. The design process must balance technical functionality and visual elements (e.g., mental model) to create a system that is not only operational but also usable and adaptable to changing user needs. Interface design is involved in a wide range of projects from computer systems, to cars, to commercial planes; all of these projects involve much of the same basic human interactions yet also require some unique skills and knowledge. As a result, designers tend to specialize in certain types of projects and have skills centered on their expertise, whether that be software design, user research, web design, or industrial design.



3.2 ARCHITECTURE



3.3 SEQUENCE DIAGRAM



IMPLEMENTATION

4.1 Sign Up-html & php

```

62 <div class="form-item sign-up"><!-- sign-up form-->
63 <div class="w3table w3-agileits">
64 <div class="w3table-cell register">
65 <h3>Signup with Wizarding Passport</h3>
66 <form action="query.php" method="post">
67 <div class="fields-grid">
68 <div class="styled-input agile-styled-input-top">
69 <input type="text" name="Firstname" required="">
70 <label>First name</label>
71 <span></span>
72 </div>
73 <div class="styled-input">
74 <input type="email" name="Email" required="">
75 <label>Email</label>
76 <span></span>
77 </div>
78 <div class="styled-input">
79 <input type="tel" name="Phone" required="">
80 <label>Phone Number</label>
81 <span></span>
82 </div>
83 <div class="styled-input">
84 <input type="password" name="password" required="">
85 <label>Password</label>
86 <span></span>
87 </div>
88 <div class="clear"></div>
89 <label class="checkbox"><input type="checkbox" name="checkbox" checked=""><i></i>I agree to the <a href="">Terms and Conditions</a></label>
90 </div>
91 <input type="submit" value="Sign up">
92 </form>
93
94 </div>
95 </div>
96 </div>
97 </div>
98 <div class="container-info">

```

4.1.1 Sign-Up html

```

1 <?php
2 $servername = "localhost";
3 $username = "root";
4 $password = "";
5 $dbname = "hog";
6
7 // Create connection
8 $conn = new mysqli($servername, $username, $password, $dbname);
9 // Check connection
10 if ($conn->connect_error) {
11     die("connection failed: " . $conn->connect_error);
12 }
13 $name=$_POST["Firstname"];
14 $email=$_POST["Email"];
15 $phno=$_POST["Phone"];
16 $pass=$_POST["password"];
17 $stmt = $conn->prepare("INSERT INTO signup (Firstname, Email, Phone, password) VALUES (?, ?, ?, ?)");
18 $stmt->bind_param("ssis", $name, $email, $phno, $pass);
19 $stmt->execute();
20
21 header("Location: http://localhost/sorting/sort/hat.html");
22 exit;
23 $conn->close();
24 ?>
25

```

4.1.2 Sign-Up php

4.2 Login-html & php

```

File Edit View Selection Find Packages Help
signin.html x query.php x log.php x
25 <h1>Enter the world of Witchcraft and Wizardry</h1>
26 <div class="main-agileinfo">
27 <div class="agileui-forms">
28 <div class="container-form">
29 <div class="form-item log-in"><!-- Login form-->
30 <div class="w3table agileinfo">
31 <div class="w3table-cell register">
32 <div class="w3table-tophead">
33 <h2>Login with Wizarding Passport</h2>
34 </div>
35 <form action="log.php" method="post">
36 <div class="fields-grid">
37 <div class="styled-input agile-styled-input-top">
38 <input type="text" name="Firstname" required="">
39 <label>Username</label>
40 <span></span>
41 </div>
42 <div class="styled-input">
43 <input type="Password" name="password" required="">
44 <label>Password</label>
45 <span></span>
46 </div>
47 <a href="#">forgot password</a>
48 <input type="submit" value="Sign in">
49 </div>
50 <div class="social-grids">
51
52 <div class="social-icons">
53
54 </div>
55 <div class="clear"> </div>
56 </div>
57
58 </form>
59 </div>
60 </div>
61 </div>
62
C:\xampp\htdocs\sorting\loginsignup\signin.html 1:1 CRLF UTF-8 HTML GitHub Git (B)

```

4.2.1 Login html

```

File Edit View Selection Find Packages Help
signin.html x query.php x log.php x
1 <?php
2 $servername = "localhost";
3 $username = "root";
4 $password = "";
5 $dbname = "hog";
6
7 // Create connection
8 $conn = new mysqli($servername, $username, $password, $dbname);
9 // Check connection
10 if ($conn->connect_error) {
11     die("Connection failed: " . $conn->connect_error);
12 }
13
14 $name = $_POST['Firstname'];
15 $pass = $_POST['password'];
16 $result = mysqli_query($conn,"SELECT `Firstname`,`password` FROM `signup` WHERE(`Firstname`='$name' AND `password`='$pass')");
17
18
19 if(!$result) {
20     echo 'u dont have an account so please sign up first';
21     exit;
22 };
23
24 $row = mysqli_fetch_row($result);
25 $na = $row[0];
26 $pa = $row[1];
27 if(($na==$name) & ($pa==$pass)){
28     header("Location:http://localhost/sorting/homepage/index.html");
29 }
30 else{
31     echo 'u dont have an account so please sign up first';
32 }
33 $conn->close();
34 ?>
35
C:\xampp\htdocs\sorting\loginsignup\log.php 35:1 CRLF UTF-8 PHP GitHub Git (B)

```

4.2.2 Login php

4.2 Sorting into Houses

```

File Edit View Selection Find Packages Help
hat.html x style.css x script.js x
56 function houseScreenReset() {
57     $('g-text').text();
58     $('.crest-image').hide();
59     $('.house-body').attr('class', 'house-body');
60 }
61
62 function getHouse(randomNum) {
63     switch (randomNum) {
64         case 0:
65             generateHouse('gryffindor', 19);
66             // window.location = 'https://stachoverflow.com/questions/3139811/how-to-link-an-image-and-target-a-new-window';
67             break;
68         case 1:
69             generateHouse('hufflepuff', 17);
70             // window.location = 'https://www.w3schools.com/howto/howto_js_redirect_webpage.asp';
71             break;
72         case 2:
73             generateHouse('ravenclaw', 22);
74             // window.location = 'file:///home/supriha/Desktop/Harry-Potter-Sorting-Quiz-master/sort.html';
75             break;
76         case 3:
77             generateHouse('slytherin', 19);
78             // window.location = 'https://economictimes.indiatimes.com/magazines/panache/fitter-than-ever-virat-kohli-credits-vegetarianism-for-his-ripped-physique/articleshow/71774004.cms';
79             break;
80     }
81 }
82
83
84
85
86 function getRandomInt(max) {
87     return Math.floor(Math.random() * Math.floor(max));
88 }
89
90 function playAudio(audioPath, loop) {
91     if (audio) {
92         audio.stop();
93     }
94 }
95
96
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4.3 Database Connection

```

File Edit View Selection Find Packages Help
index.php x database_connection.php x delete.php x edit.php x fetch.php x update.php x upload.php x
1 <?php
2 //database_connection.php
3
4 $connect = new PDO('mysql:host=localhost;dbname=hog', 'root', '');
5
6
7 ?>
8
9
10
11
12
13
14
15
16
17
18
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```

4.4 Updating data to the Database

```

index.php x database_connection.php x delete.php x edit.php x fetch.php x update.php x upload.php x
6 if(isset($_POST["image_id"]))
7 {
8     $old_name = get_old_image_name($connect, $_POST["image_id"]);
9     $file_array = explode(".", $old_name);
10    $file_extension = end($file_array);
11    $new_name = $_POST["image_name"] . '.' . $file_extension;
12    $query = '';
13    if($old_name != $new_name)
14    {
15        $old_path = 'files/' . $old_name;
16        $new_path = 'files/' . $new_name;
17        if(rename($old_path, $new_path))
18        {
19            $query = "
20            UPDATE tbl_image
21            SET image_name = '". $new_name ."', image_description = '". $_POST["image_description"] ."'
22            WHERE image_id = '". $_POST["image_id"] ."'
23            ";
24        }
25    }
26    else
27    {
28        $query = "
29        UPDATE tbl_image
30        SET image_description = '". $_POST["image_description"] ."'
31        WHERE image_id = '". $_POST["image_id"] ."'
32        ";
33    }
34
35    $statement = $connect->prepare($query);
36    $statement->execute();
37 }
38
39 function get_old_image_name($connect, $image_id)
40 {
41     $query = "
42     SELECT image_name FROM tbl_image WHERE image_id = '". $image_id ."'
43     ";
44     $statement = $connect->prepare($query);
45     $statement->execute();
46     $result = $statement->fetchAll();
47 }
48
49
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```

4.4 Retrieving Data

```

2 include('database_connection.php');
3 $query = "SELECT * FROM tbl_image ORDER BY image_id DESC";
4 $statement = $connect->prepare($query);
5 $statement->execute();
6 $result = $statement->fetchAll();
7 $number_of_rows = $statement->rowCount();
8 $output = '';
9 $output .= '
10 <table class="table table-bordered table-striped">
11 <tr>
12 <th>Sr. No</th>
13 <th>Image</th>
14 <th>Name</th>
15 <th>Description</th>
16 <th>Edit</th>
17 <th>Delete</th>
18 </tr>
19 <tr>
20 <td colspan="6">
21 {
22 $count = 0;
23 foreach($result as $row)
24 {
25 $count ++;
26 $output .= '
27 <tr>
28 <td>'. $count. '</td>
29 <td></td>
30 <td>'. $row["image_name"]. '</td>
31 <td>'. $row["image_description"]. '</td>
32 <td><button type="button" class="btn btn-warning btn-xs edit" id="'.$row["image_id"].'">Edit</button></td>
33 <td><button type="button" class="btn btn-danger btn-xs delete" id="'.$row["image_id"].'" data-image_name="'.$row["image_name"].'">Delete</button></td>
34 </tr>
35 </td>
36 }
37 }
38 else

```

4.5 Deleting Data

```

1 <?php
2 //delete.php
3
4 include('database_connection.php');
5
6 if(isset($_POST["image_id"]))
7 {
8 $file_path = 'files/' . $_POST["image_name"];
9 if(unlink($file_path))
10 {
11 $query = "DELETE FROM tbl_image WHERE image_id = '".$_POST["image_id"]."''";
12 $statement = $connect->prepare($query);
13 $statement->execute();
14 }
15 }
16
17 ?>
18

```

4.6 Quizzard

```

File Edit View Selection Find Packages Help
scripts x
1 var questions = [
2
3   {
4     question: "what is the spell to open doors?",
5     answers: [
6       {text: "Avada Kedavra"},
7       {text: "Alohomora", isCorrect: true},
8       {text: "Expecto Patronus"},
9     ]
10   },
11   {
12     question: "what is the name of Harry Potter's owl?",
13     answers: [
14       {text: "Dobby"},
15       {text: "Hedwig", isCorrect: true},
16       {text: "Errol"},
17     ]
18   },
19   {
20     question: "what is the street address of the Dursley home? ",
21     answers: [
22       {text: "12 Grimmauld Place"},
23       {text: "4 Privet Drive", isCorrect: true},
24       {text: "3 Little Hangleton"},
25     ]
26   },
27   {
28     question: "what color were the flames that came out of the Goblet of Fire?",
29     answers: [
30       {text: "Blue", isCorrect: true},
31       {text: "Red"},
32       {text: "Green"},
33     ]
34   },
35   {
36     question: "which of the Hogwarts founders created the Chamber of Secrets?",
37     answers: [
38       {text: "Salazar Slytherin", isCorrect: true},
39       {text: "Rowena Ravenclaw"},
40       {text: "Zacharias Smith"},
41     ]
42   }
43 ];

```

C:\xampp\htdocs\sorting\homepage\script.js 433

LF UTF-8 JavaScript GitHub Git

TESTING

5.1 Test Plans

5.1.1 Test Items

Image, tables, radio button, check box, horizontal line, text field, label, and hyperlink. The scope of this Testing activity will include Atria Fan Club Web page development application and supporting infrastructure.

5.1.2 Features to be tested

- Accessibility
- Coding standards
- Compatibility
- Functional Navigation
 1. Login Validation
 2. Registration form validation
 3. Database connectivity
- Scalability
- Security
- Usability

5.1.3 Approach/ Strategy

The philosophy of the testing is risk-based testing, i.e. each test case will be prioritized as, High, Medium, or Low priority and then scheduled accordingly (Highest first). Exceptions to this general rule might include instances where:

A large number of low priority test cases can be executed using a small amount of resources a lower priority test is a pre-requisite of another higher priority test e.g. an expensive and high priority usability test might necessitate many of the inexpensive low priority navigational tests to have passed.

5.2 TEST CASES

5.2.1 SIGN-IN MODULE

TestID	Test Cases & User Action	Test Data	Expected Result	Actual Result	Comment
1	Blank Username & Valid Password. Clicks on 'Sign in' button	Username="" & Password="harry"	Displays message "Please fill out this field" pointing to the Username field.	Valid message displayed	Working properly
2	Valid Username & Blank Password. Clicks on 'Sign in' button	Username="harry" & Password=""	Displays message "Please fill out this field" pointing to the Password field.	Valid message displayed	Working properly
3	Blank Username and Blank Password. Clicks on 'Sign in' button	Username="" & Password=""	Displays message "Please fill out this field" pointing to Username field.	Valid message displayed	Working properly
4	Invalid Username and Valid Password. Clicks on 'Sign in' button	Username="supz" & Password="harry"	Displays message "you dont have an account so please sign up first"	Valid message displayed	Working properly
5	Valid Username and Invalid Password. Clicks on 'Sign in' button	Username="harry" & Password="ginny"	Displays message "you dont have an account so please sign up first"	Valid message displayed	Working properly
6	Invalid Username and Invalid Password. Clicks on 'Sign in' button	Username="lily" & Password="james"	Displays message "you dont have an account so please sign up first"	Valid message displayed	Working properly
7	Valid Username and Valid Password. Clicks on 'Sign in' button	Username="harry" & Password="harry"	Home page gets displayed.	Proper page displayed	Working properly

Table 5.1: Test case for Sign In module



5.2.1 SIGN-UP MODULE

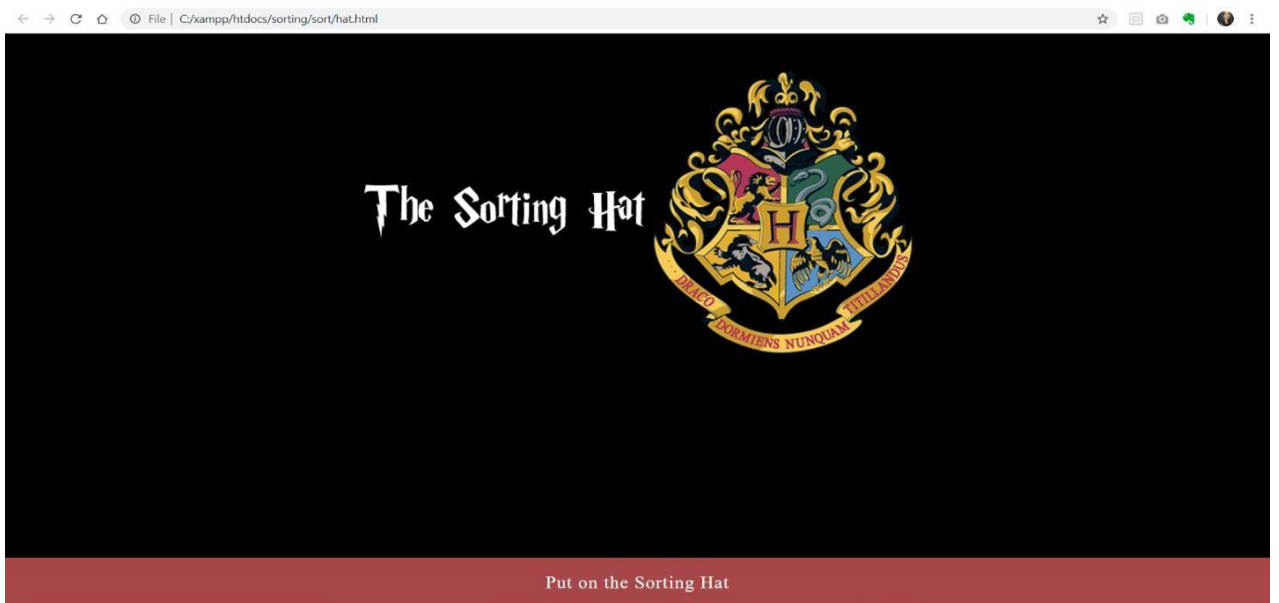
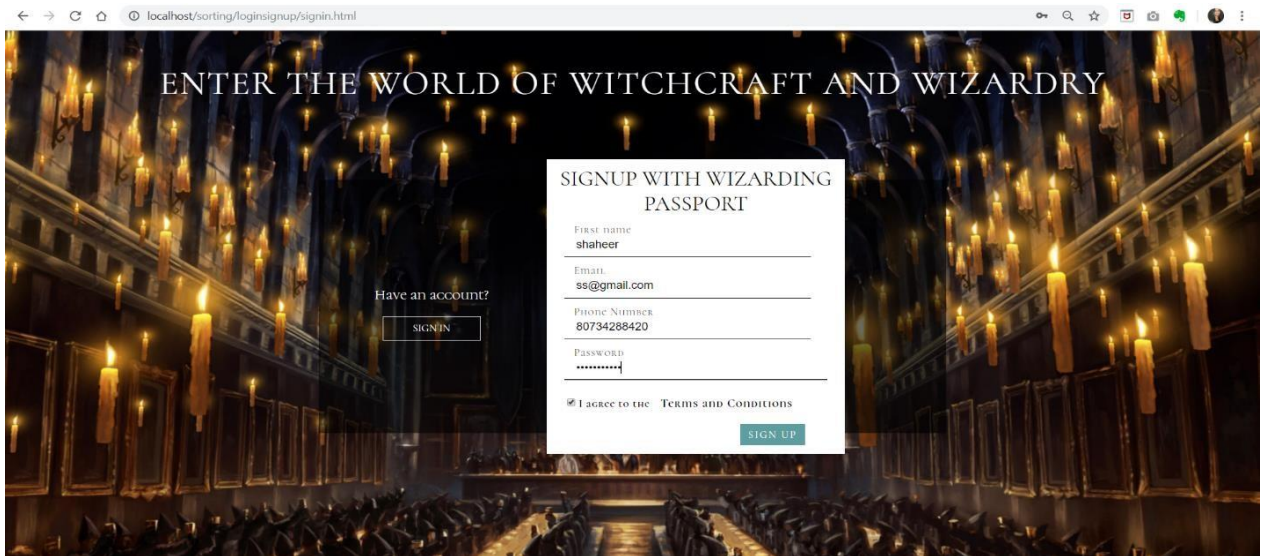
Test ID	Test Cases & User Action	Test Data	Expected Result	Actual Result	Comment
1	All the field are blank and clicks 'sign up' button	Firstname="", Email="", PhNo="", Password=""	Displays message "Please fill out this field" pointing to Firstname field.	Valid message displayed	Working properly
2	Valid Firstname, rest all fields are blank and clicks 'sign up' button	Firstname="hermione", Email="", PhNo="", Password=""	Displays message "Please fill out this field" pointing to Email field.	Valid message displayed	Working properly
3	Invalid Email i.e., without the use of '@' symbol and clicks 'sign up' button	Firstname="hermione", Email="her", PhNo="9854123645", Password="ron"	Displays message "Please include an '@' in the email address. 'her' is missing an '@'" pointing to Email field.	Valid message displayed	Working properly
4	Valid Firstname and Email, rest all fields are blank and clicks 'sign up' button	Firstname="hermione", Email="her@gmail.com", PhNo="", Password=""	Displays message "Please fill out this field" pointing to PhNo field.	Valid message displayed	Working properly
5	All fields are filled and valid. Clicks 'sign up' button	Firstname="hermione", Email="her@gmail.com", PhNo="9856321478", Password="ron"	Sorting hat page gets displayed	Proper page displayed	Working properly

Table 5.2: Test case for Sign Up module



SNAPSHOTS







Welcome to Hogwarts !

"Congratulations!", I'm delighted to welcome you to SLYTHERIN HOUSE. Our emblem is the serpent, the wisest of creatures; our house colours are emerald green and silver, and our common room lies behind a concealed entrance down in the dungeons.

Let's talk about what we are, which is the coolest and edgiest house in this school. We play to win, because we care about the honour and traditions of Slytherin.

The corridors of Hogwarts can throw up surprises for the unwary, and you'll be glad you've got the Serpents on your side as you move around the school. As far as we're concerned, once you've become a snake, you're one of ours – one of the elite. Because you know what Salazar Slytherin looked for in his chosen students? The seeds of greatness. You've been chosen by this house because you've got the potential to be great, in the true sense of the word.

- Slytherin won the first house cup with 72,734,274 house points.
- Salazar Slytherin was the founder of Slytherin house.
- The Head of Slytherin house is Severus Snape. He is the Hogwarts potions master. Professor Snape's office is in the dungeons.

Make Slytherin House proud!

And good luck,

Albus Dumbledore

Wizard Name

Atria FanClub

Blog Call us : +91 8050345992

Home About Quizzard The Game Event

THE MAGICAL LAND

HOGWARTS SCHOOL of

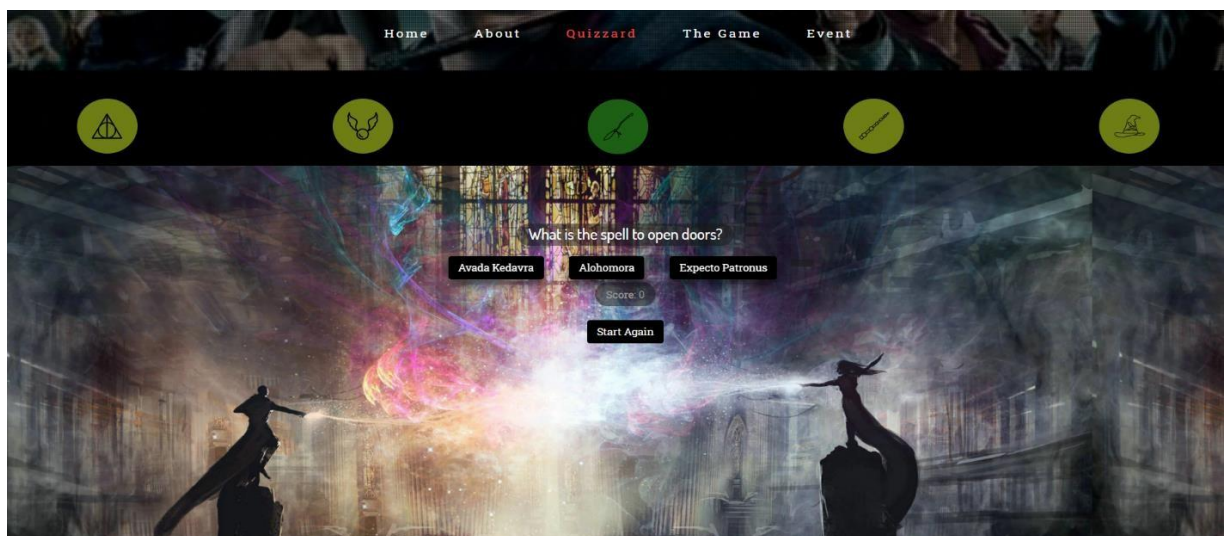
A screenshot of a website for 'Atria FanClub'. The background is a scene from the Harry Potter movies showing Harry Potter and his friends in a battle. The website has a navigation menu with 'Home', 'About', 'Quizzard', 'The Game', and 'Event'. There is a 'Blog' button and a contact number '+91 8050345992'. The text 'THE MAGICAL LAND' and 'HOGWARTS SCHOOL of' is overlaid on the image.

OUR HOUSES

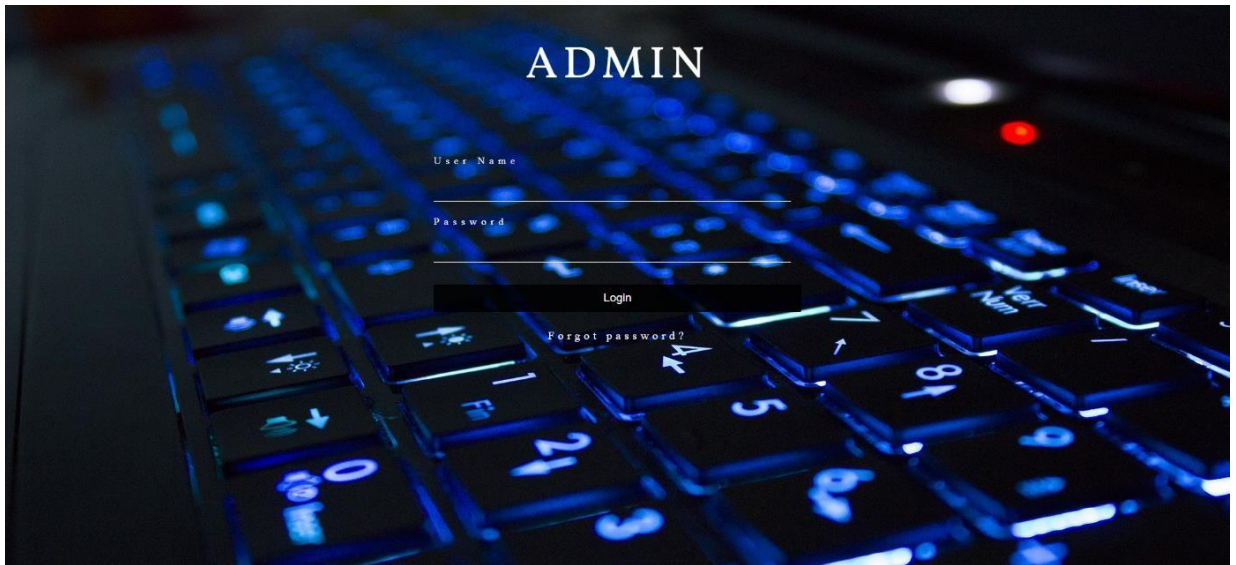


HUFFLEPUFF

Image_id	Snap	Description
5		'Sweet Hufflepuff, from valley broad' was one of the four founders of Hogwarts School of Witchcraft and Wizardry. Known for being kind and caring, and especially loved for her food-related charms. While the other founders prized daring and cunning, Helga reportedly welcomed all students, particularly hard workers.
6		A famous thirteenth-century witch celebrated for her skills in Arithmancy. Protective of her theorems, she wrote many of her ideas down in invisible ink making them somewhat easy to misplace. Bridget was the first to discover the magical significance of the number se
7		Magizoologist Newton Artemis Filo Scamander, 'Newt' to his readers, was the author of trusted Hogwarts textbook Fantastic Beasts and Where to Find Them. Passionate about magical creatures from an early age, he travelled the world observing beasts and their behaviour in the wild. In 1926, he visited New York on just such an adventure...
8		Head of Hufflepuff house, her hat may have been patched but there was nothing shabby about Professor Sprout's knowledge of all things Herbology. From her greenhouse classroom she taught students how to handle dangerous plants like Mandrakes and Bubotubers.







MEMBERS	
Gryffindor	
	fdsa
	polk
	sdfg
	ikjn
	sup
Hufflepuff	
	awsd
	sharan
Ravenclaw	
	olki
Slytherin	










MEMBERS ENROLLED

Name	House
sup	gryffindor
shaheer	slytherin



Members of Gryffindor








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Only .jpg, .png, .gif file allowed

Sr. No	Image	Name	Description	Edit	Delete
1		Godric Gryffindor.jpg	One of the four Hogwarts founders, Gryffindor was bold, brave and a truly exceptional wizard. He was also the most accomplished dueller of his age, and his sword is a treasured artefact. He was born in a West Country village, later called Godric's Hollow in his honour and home to Lily, James and Harry Potter.	Edit	Delete
2		Albus Dumbledore.jpg	Headmaster of Hogwarts School of Witchcraft and Wizardry and founder of the Order of the Phoenix, Dumbledore was widely considered to be one of the greatest wizards of all time. His achievements include defeating Dark wizard Gellert Grindelwald, the discovery of the twelve uses of dragon's blood, and his work on alchemy with Nicolas Flamel.	Edit	Delete
3		Minerva McGonagall.jpg	The Head of Gryffindor house during Harry Potter's time at Hogwarts, McGonagall was highly intelligent, exceptionally talented, and an accomplished Animagus. This Transfiguration teacher and deputy Headmistress of Hogwarts was as formidable as Gryffindor's house animal.	Edit	Delete
4		Harry Potter.jpg	The Chosen One, the Boy Who Lived and perhaps the bravest Gryffindor the house has ever seen. Need we say more?	Edit	Delete
5		Ron Weasley.jpg	Everyone's favourite right-hand man, where would Harry have been without Ron? He may have started out in the shadow of his best friend but he would go on to face many of his fears, showing true leadership in times of need and becoming a credit to his house.	Edit	Delete
6		Hermione Granger.jpg	Impossibly intelligent, quick-thinking, she was one of the most brilliant witches of her time. Her bravery & intellect were crucial in the defeat of Voldemort.	Edit	Delete
7		Sir Nicholas .jpg	Sir Nicholas went on to become Gryffindor house's ghost-in-residence. Kind, noble and eternally proud, Nick lent a hand to many a Gryffindor in need over the years.	Edit	Delete



Members of Hufflepuff

Choose Files | No file chosen
Only .jpg, .png, .gif file allowed

Sr. No	Image	Name	Description	Edit	Delete
1		huff-007.jpg	Hufflepuff house's ghost is an amiable fellow known as the Fat Friar. He was executed by senior churchment for curing some peasants of the pox with the poke of a 'stick' and pulling rabbits out of the communion cup. In his afterlife, he seems like quite a jolly old ghost, particularly if you compare him to Moaning Myrtle.	Edit	Delete
2		huff-006.jpg	Not your average witch, or your average Hufflepuff. Don't-call-me-Nymphadora! Tonks is an Auror and Metamorphmagus – born with the ability to control her appearance at will, without the aid of a wand. Funny, slightly clumsy but as bright as her ever-changing hair colour, Tonks was also a member of the Order of the Phoenix.	Edit	Delete
3		huff-005.jpg	Cedric Diggory was Hufflepuff house's Quidditch team captain and Seeker. In his sixth year at Hogwarts, he became one of the Triwizard Champions. Good, kind, brave, and a credit to his house.	Edit	Delete
4		huff-004.jpg	Head of Hufflepuff house, her hat may have been patched but there was nothing shabby about Professor Sprout's knowledge of all things Herbology. From her greenhouse classroom she taught students how to handle dangerous plants like Mandrakes and Bubotubers.	Edit	Delete
5		huff-003.jpg	Magizoologist Newton Arctus Fido Scamander. 'Newt' to his readers, was the author of trusted Hogwarts textbook Fantastic Beasts and Where to Find Them. Passionate about magical creatures from an early age, he travelled the world observing beasts and their behaviour in the wild. In 1926, he visited New York on just such an adventure...	Edit	Delete
6		huff-002.png	A famous thirteenth-century witch celebrated for her skills in Arithmancy. Protective of her theorems, she wrote many of her ideas down in invisible ink making them somewhat easy to misplace. Bridget was the first to discover the magical significance of the number se	Edit	Delete
7		huff-001.jpg	'Sweet Hufflepuff, from valley broad' was one of the four founders of Hogwarts School of Witchcraft and Wizardry. Known for being kind and caring, and especially loved for her food-related charms. While the other founders prized daring and cunning, Helga reportedly welcomed all students, particularly hard workers.	Edit	Delete



Members of Ravenclaw








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Only .jpg, .png, .gif file allowed

Sr. No	Image	Name	Description	Edit	Delete
1		rave-007.jpg	The ghost of Ravenclaw tower is called the Grey Lady – a beautiful but haughty young woman with waist-length hair, decked in a cloak. Not much of a talker, the Grey Lady's identity is shrouded in mystery...	Edit	Delete
2		rave-006.jpg	Though perhaps not the most shining example his house has to offer, Gilderoy Lockhart was of above-average intelligence and did achieve dizzying heights of fame in the wizarding world. However, vain and prone to baseless bragging, Lockhart's chief achievement was showing his students how not to behave.	Edit	Delete
3		rave-005.jpg	Popular Minister for Magic and predecessor of Cornelius Fudge, Bagnold was in office when Voldemort tried and failed to kill Harry Potter as a child. Following Harry's survival, she allowed the widespread celebrations among the wizarding community, running into trouble with the International Confederation of Wizards for breaching the International Statute of Secrecy. She famously responded, 'I assert our inalienable right to party!'	Edit	Delete
4		rave-004.jpg	Head of Ravenclaw house and Hogwarts Charms master, Filius Flitwick taught Hogwarts students the importance of enunciating their spells correctly – although Hermione helped. Exceedingly accomplished at Charms, Professor Flitwick was reportedly also a duelling champion in his youth.	Edit	Delete
5		rave-003.jpg	An exceptionally talented Ravenclaw wizard, Olivander is widely regarded as the finest wandmaker the world has ever seen. His success lies in his ability to marry the right wand wood with the right core, and help match the wands to their ideal owners.	Edit	Delete
6		rave-002.jpg	Eternal believer in Blibbering Humdingers and Crumple-Horned Snorkacks, this enigmatic Ravenclaw is one of the best friends anyone could wish for. She thinks outside the box, a trait that does her house proud.	Edit	Delete
7		rave-001.jpg	'Fair Ravenclaw, from glen' was one of the four founders of Hogwarts School of Witchcraft and Wizardry, known for her outstanding intelligence and creativity. Ravenclaw was the owner of a beautiful diadem that bestowed wisdom on the wearer, but it was lost in her lifetime.	Edit	Delete



Members of Slytherin

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Only .jpg, .png, .gif file allowed

Sr. No	Image	Name	Description	Edit	Delete
1		slyt-007.jpg	The Bloody Baron is the gaunt and blood-soaked Slytherin house ghost. He's the only one who can keep pesky pottergeist Peeves under control. The strong and silent type, the Baron wears chains in penitence for a terrible act.	Edit	Delete
2		slyt-006.jpg	Another Hogwarts Potions master, Horace Slughorn was Head of Slytherin house – twice. Lily Potter, Harry's mother, was one of his most gifted students. Not one for the spotlight, but certainly one to name-drop, Horace enjoyed the reflected glory his 'Slug Club' favourites gave him.	Edit	Delete
3		slyt-005.jpg	The orphaned Tom Riddle found a home at Hogwarts and also a Dark purpose. A direct descendent of Salazar Slytherin, Riddle shared his forebear's attitude on restricting magical learning to pure-bloods – despite having a Muggle father himself. As a teenager, he unlocked the Chamber of Secrets, leading to the death of a Muggle-born girl, and even learned Dark magic to protect himself from death.	Edit	Delete
4		slyt-004.jpg	Sinus Black's great-great grandfather, Phineas Nigellus Black was the least popular of all Hogwarts headmasters. Possibly because he hated being a teacher and seemingly young people in general. Even after his death Phineas went on to advise future headmasters, albeit from his lofty position on their office wall.	Edit	Delete
5		slyt-003.jpg	As Potions master at Hogwarts, Severus Snape held his students to almost impossibly high standards and wasn't one to suffer fools gladly. As Head of Slytherin house, he clashed with some of Gryffindor's more... active students like Harry Potter. Still waters run deep though, and underneath the sneer lies a complicated man.	Edit	Delete
6		slyt-002.jpg	Merlin himself was sorted into Slytherin when he was at Hogwarts, and the young wizard went on to become one of the most famous wizards in history. The Order of Merlin, named to commemorate him, has been awarded since the fifteenth century. Legend has it that the First Order of Merlin's green ribbon reflects his Hogwarts house.	Edit	Delete
7		slyt-001.jpg	One of the four founders of Hogwarts School of Witchcraft and Wizardry, Slytherin prized resourcefulness and ambition in his students. He believed that the school should only teach pure-blood witches and wizards. His ability to speak Parseltongue is why the Slytherin emblem is a serpent.	Edit	Delete



 Supritha Rao 
Oct 30 · 2 min

NEW HARRY POTTER WANDS

Harry Potter wands are really popular here on Magic Alley, and after hearing which other character's wands you'd most like to see stocked, we've added Bellatrix Lestrange, Luna Lovegood, and Queenie Goldstein's wands to our product...

4 views · 1 comment

4 

CONCLUSION

To conclude, Atria Fanclub – Hogwarts is one stop destination if you are a potterhead.

With the added on functions like

- ✚ Memory Game with sound effects used to make the game all the way more interesting.
- ✚ Also, the music effect to make it more realistic

We had a great experience in the course of designing this project, which made us discover and learn many things that pertain to the topic of Web technology. We have tried to our best potential to incorporate all the basic level requirements .In the future, we would love to develop it into a fanclub that can have the following-

- ✚ Social media group of the same
- ✚ Trips to Hogwarts
- ✚ Magical spells and potion classes as a part of the website