SHREE R. P. BHALODIA COLLEGE - RAJKOT

CS – 32: Mini Project

A

Project Report

On

HERO INTERNS (PHP)

By

TOPIYA HERIN BHAVESHBHAI

CHHATBAR BHAVIN MAYURBHAI

Under the guidance of

Mr. Mayur Khakhkhar

Submitted to BCA Department

for the fulfillment of the requirements for the

BCA SEM 5

WE STRIVE FOR THE BEST

SHREE R. P. BHALODIA COLLEGE - RAJKOT

Academic Year: 2025-2026

Shree R. P. Patel Trust Mumbai Sanchalit

SHREE R. P. BHALODIA COLLEGE - RAJKOT.

[COMMERCE ✦ MANAGEMENT ✦ COMPUTER]

[B.COM. ✦ B.B.A. ✦ B.C.A.]

7 – Manhar Plot, RAJKOT - 360002. Phone: 2460012

Ref. No.: Date:

CERTIFICATE

This is to certify that the project report entitled **“HERO INTERNS (PHP)”** submitted to **Shree R. P. Bhalodia College, Rajkot**, in partial fulfilment of the requirements for the **BCA Semester V**, has been carried out by

TOPIYA HERIN BHAVESHBHAI

CHHATBAR BHAVIN MAYURBHAI

The project work was undertaken during the current semester in the computer laboratories under the supervision of a guide from the college. During this period, the student has studied and applied various theoretical concepts such as **SDLC, Database Management Systems, Software Engineering,** and other related subjects.

The matter embodied in this project has been satisfactorily completed by the student(s) in fulfilment of the requirements of the semester curriculum prescribed by Saurashtra University, Rajkot.

Wishes all the very best for splendid career and future.

Preface

The Age of information has gone the correct area is the age of knowledge. These having knowledge would higher resource from the society and at the same time would be earning the higher returns. But knowledge as we know has change drastically, endure that knowledge is imported to student; it is made mandatory by Saurashtra University for B.C.A. Student to work on a comprehensive project.

Here is the detailed report on the project we had made on “ONLINE INTERNSHIP”. It has developed on Php with HTML.

We really thankful to our faulty for kind help and support for providing detailed information regarding manual system.

Finally, we would like to express our gratitude to the member of our family for the support and encouragement we have received from them. The improvement would always.

Acknowledgement

We feel a deep sense of pleasure of submitting this project for us which was exposed only to the four walls of the classroom and two sides of page of our to the four walls of the classroom and two sides of pages of our prescribed textbook, training was something new and unexposed experience.

We would like to express our deepest gratitude of faculties of “Shree R.P. Bhalodia College – Rajkot” who showed trust in us with such a challenging project. So we heartly thanks to them for spending their valuable time and providing us better guidance as well as giving new ideas for achieving our goal.

We are very thankful to our college of computer science for providing the best facilities. Special thanks to our Principle Sir who made us aware about way of work in the organization, which we are always, kept in our mind we glad that results are positive for us.

So, last but not least, we are greatly thankful to our colleagues, who directly or indirectly supported us in particular completion of the project.

Thank You All.

TOPIYA HERIN BHAVESHBHAI

CHHATBAR BAHVIN MAYURBHAI

Project Profile

Developed At	R.P.Bhalodia College
Submitted to	Computer department of R.P.BHALODIA College Rajkot
Front End	HTML, CSS, Bootstrap
Back End	PHP/8.0.11, MySQL
Documentation Tool	Microsoft word, Visio
Main Pages	Dashboard, Registration, Contact Us, admin login, User Profile
Project Development Tool	Visual Studio Code v.1.70.2
Web server	Apache/2.4.51
Web browser	Chrome v.95.0 Microsoft Edge v. 94.0, Mozilla Firefox v.93.0
Editor	Visual Studio Code v.1.70.2
Guided By	Prof. Mayur Sir
Developed by	**Topiya Herin Bhaveshbhai** **Chhatbar Bhavin Mayurbhai**

Table of Contents

1. Introduction & Objectives

- The project Hero Interns is an online internship website to help students get an opportunity to work in real-time environment of IT industry or even helpful to non-IT students.
- As our name suggests, student would be able to give heroic work after completing their internship with us.

⇨ What entities are included?

- There are two entities admin and user.
- Admin:
  - Admins are allowed to handle all the work of adding, updating or deleting course, internship, and job details.
  - Admins can set requirement criteria for certain jobs or prices for courses and internships, etc.
  - Admins can also handle user data, user application and perform insert, update or delete operations on it.
- Users:
  - Any person who registers with our website is a user, later he can apply for any of our courses, internships or job.
  - User needs to read various requirements or conditions mentioned on cards before applying.
  - User can apply only for two courses at a time and only a internship or job at a time.

⇨ Objective

- This project aims to provide internships to students or freshers with minimal or no prior experience in their respective field.
- Students willing to start their career after internship or even if they want to learn about their fields can join us.
- Along with this, we have facility for providing job from across various companies and courses which include almost all the popular programming languages and other computer science topics.
- This site provides a valuable platform to gain practical industry experience and apply academic knowledge in real world setting.
- Students will get guidance under experts from various fields and under their supervision they need to complete various tasks and projects.
- Main motive is to give students a opportunity to gain experience.
- As we know most of hirings in IT, demands for experienced people, here student who are skilled but most of them not experienced, gets rejected.
- So along with it, students also get to know how a team works together and learn collaboration, coordination and communication skills.
- Our Hero Internship Site stand a chance to be used future very widely as people will understand the importance of skill set in their profession.

2. System Analysis

2.1 Problem Definition

⇨ The Problem:

- Student struggle to find relevant internship opportunities, Leading to a lack of practical experience and skill development issues.
- Companies face difficulty in finding suitable candidates for internship, resulting in wasted time and resources.
- Existing internship platforms are often complex, inefficient or lack of transparency.

⇨ The Solution:

- The Hero Intern Site work as bridge, the gap between students and skill-based learning by providing a user-friendly, efficient and transparent platform for internship opportunities.
- Student can easily search and filter internship based on their interest, skills and preferences.
- Students can track the status of their applications and admin can view applicant profiles and experiences.
- After completing the internship in a particular language, we also provide Job for that particular language. That makes easier for every person.
- This type of platform can provide a seamless experience for student to find internship, course and job after completing the course training or internship.

2.2 Feasibility Study

- It include following factors:
  - Technical Feasibility
  - Economical Feasibility
  - Operation Feasibility

⇨ Technical Feasibility:

- Q.1:Can we build the site with current tech?
- A.1:Yes, we can use HTML, CSS3, JavaScript, and Php, MySQL.
- Q.2:Do we have right skills and expertise?
- A.2:Yes, we have one member who have the skills of Php and other with MySQL.
- Q.3:Will it work on different browsers and devices?
- A.3:Yes, we can make it responsive and test it on different browsers and devices.
- Q.4:Will Xampp provide necessary server requirements?
- A.4:Yes, it provides Apache, MySQL and Php which can meet server requirements.
- Q.5:Can we integrate AI-powered features like chat bots to enhance user experience?
- A.5:Yes, can integrate AI-powered features like job matching and chat bots to enhance user experience.

⇨ Economical Feasibility:

- Q.1: What are estimated costs for developing the internship site?
- A.1:The costs will include development team time and resources of college.
- Q.2:Is the project economically worth it?
- A.2:Yes, the benefits of the project are more than costs like experience.

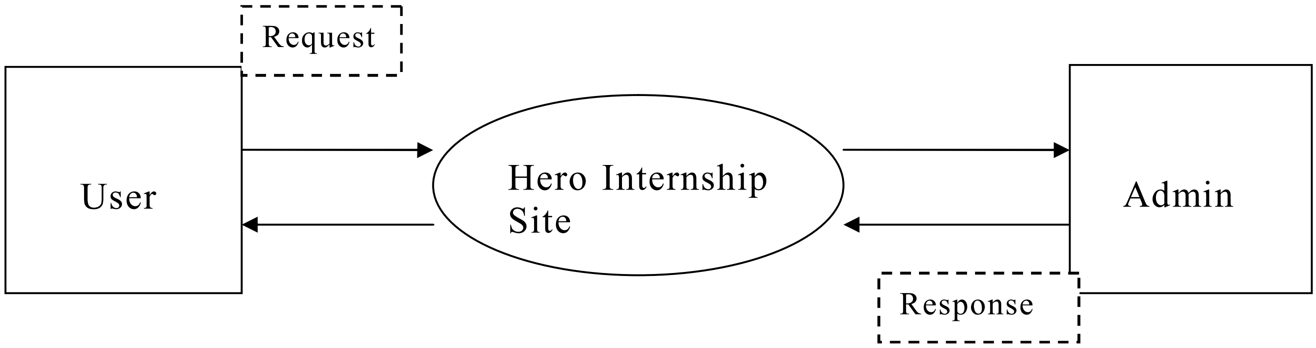
⇨ Operational Feasibility:

- Q.1:Will the site be user-friendly and easy to navigate?
- A.1:Yes, the site can be designed with a simple interface users can easily find and apply for internships.
- Q.2:Will the internship site work on different browsers?
- A.2:Yes, the site will be designed to be compatible with major browsers like Chrome, Firefox, Microsoft Edge. We will ensure cross-browser compatibility.
- Q.3:Can admin easily add various job, course, etc.?
- A.3:Yes, there could be also user-friendly admin panel for such tasks.

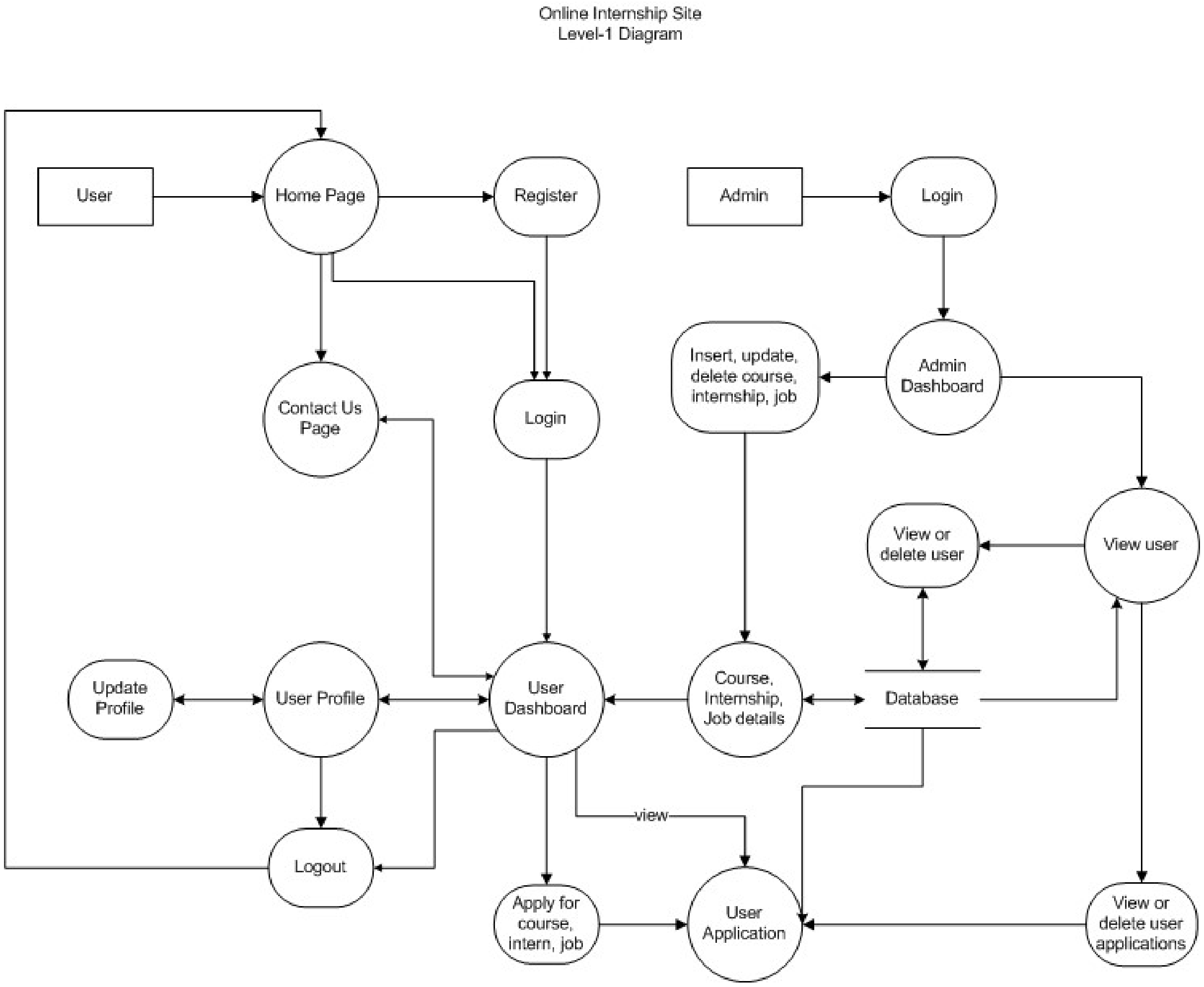
3. System Design

3.1 Data Flow Diagram

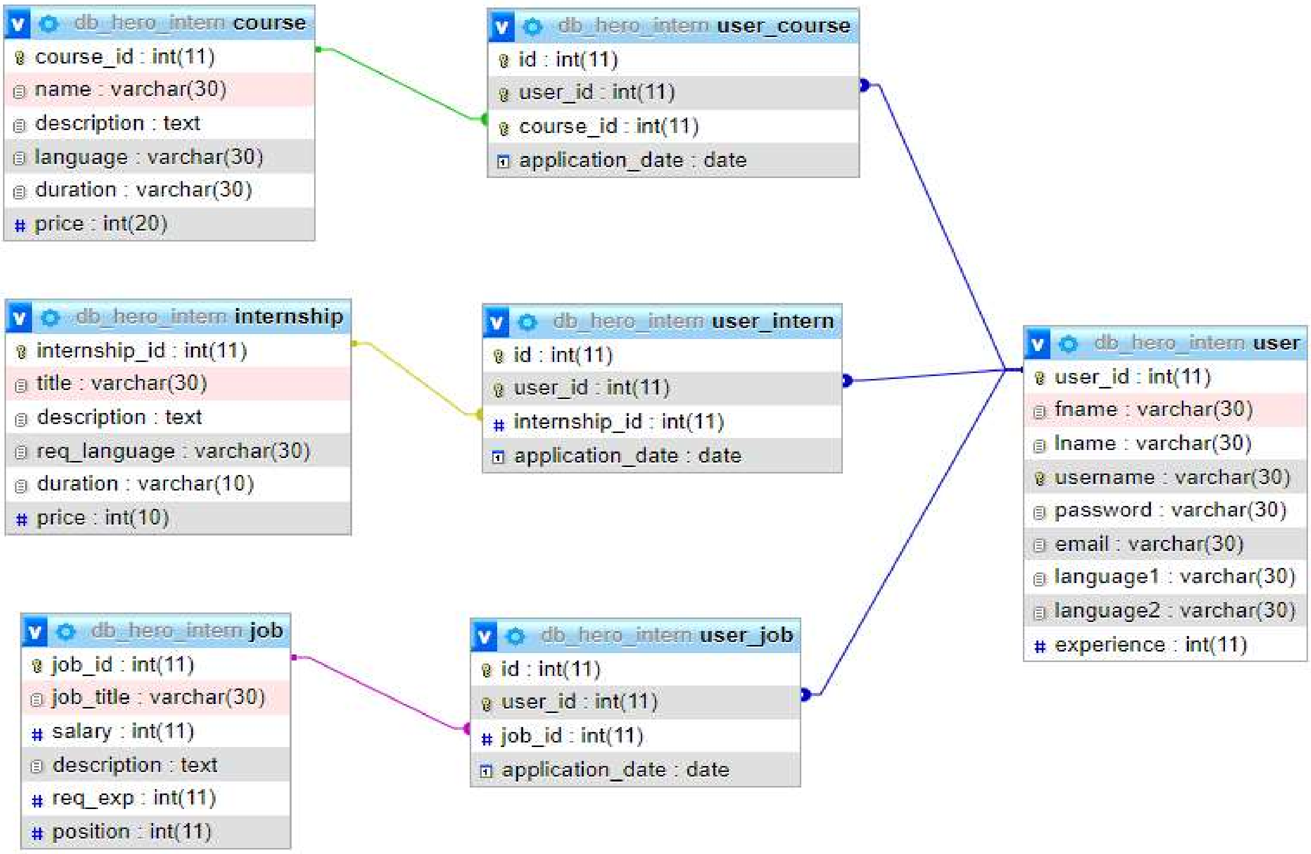
- Zero Level DFD



- One Level DFD



3.2 E-R Diagram



db_hero_intern course
- course_id : int(11)
- name : varchar(30)
- description : text
- language : varchar(30)
- duration : varchar(30)
- price : int(20)

db_hero_intern user_course
- id : int(11)
- user_id : int(11)
- course_id : int(11)
- application_date : date

db_hero_intern internship
- internship_id : int(11)
- title : varchar(30)
- description : text
- req_language : varchar(30)
- duration : varchar(10)
- price : int(10)

db_hero_intern user_intern
- id : int(11)
- user_id : int(11)
- internship_id : int(11)
- application_date : date

db_hero_intern user
- user_id : int(11)
- fname : varchar(30)
- lname : varchar(30)
- username : varchar(30)
- password : varchar(30)
- email : varchar(30)
- language1 : varchar(30)
- language2 : varchar(30)
- experience : int(11)

db_hero_intern job
- job_id : int(11)
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- salary : int(11)
- description : text
- req_exp : int(11)
- position : int(11)

db_hero_intern user_job
- id : int(11)
- user_id : int(11)
- job_id : int(11)
- application_date : date

3.3 Spiral Model

- The Spiral model combines the features of the prototyping model and the waterfall model.
- The limitation of waterfall model is that requirements are fixed.
- So, we used spiral model where flexible phases and iterating nature allows to make changes.
- We get benefit of risk analysis, customer communications and most importantly flexible requirements.
- This model can iterate endlessly if requirements of customer keeps changing.
- Here the phases of Spiral model:

⇨ I. Customer Communication phase:

- In this phase, we established effective communication with customer.
- There requirements were described as follows:
  - Functional requirements: View internship opportunities, apply for internships, track application.
  - Non-functional requirements: user-friendly interface, secure login and registration.
  - User Interface Requirements: Home page, details about website, application form, admin dashboard.

⇨ II. Planning phase:

- In this phase we had defined scope and objectives, define project timeline and milestone.
- Project Scope: Develop a simple web application for internship management.
- Project Timeline: Estimated project duration is 6 weeks.
- Milestones:

  - Week 1:Design database and site structure.
  - Week 2:Create prototype and check database connectivity.
  - Week 3:Designing admin panel and implement model.
  - Week 4: Building the project.
  - Week 5:Testing and solving issues.

⇨ III. Risk Analysis:

- Here based on model we had identified various potential irks involved in current model.
- Changes in customer requirements: This could impact in project scope and more cycles.
- Technical Challenges: Difficulty in implementing certain features with current low-level technologies in lab.
- Delays in Development: Insufficient time for development could lead to delays.
- Insufficient Testing: Inadequate testing could lead to bugs and errors.

⇨ IV. Engineering phase:

- Now we can create fully functional application that meets the customer's requirements. It includes following:
  - Designing a user-friendly interface for viewing internship opportunities.
  - Developing a search function for internships.
  - Creating a dashboard for users to track their application status.
- Front-end: HTML, CSS, JavaScript.
- Back-end: A programming language such as PHP.
- Framework & Libraries: Bootstrap.

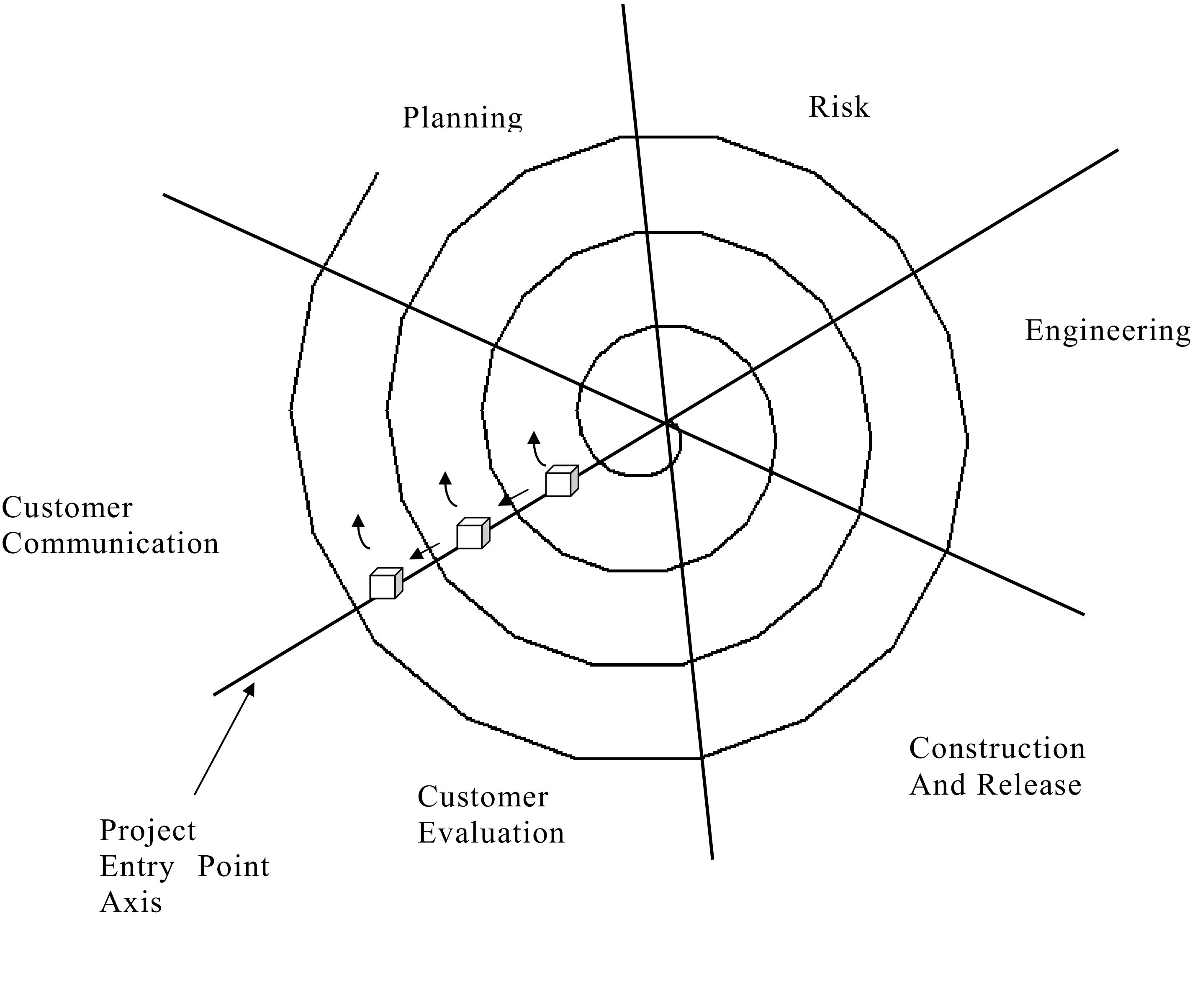
⇨ V. Construction and Release phase:

- In this phase, we'll construct the final product, test it thoroughly, create detained manual for customers.
- Finalizing the application's UI and features.
- Conducting testing to ensure the application works as expected.
- Deploying the application to a local server.
- Creating user documentation and guides for using the application.
- Testing:
  - Unit testing: Testing individual components or features.
  - Integration testing: Testing how different components work together.
  - UAT: Testing the application with real users to ensure it meets their requirements.

⇨ VI .Customer Evaluation phase:

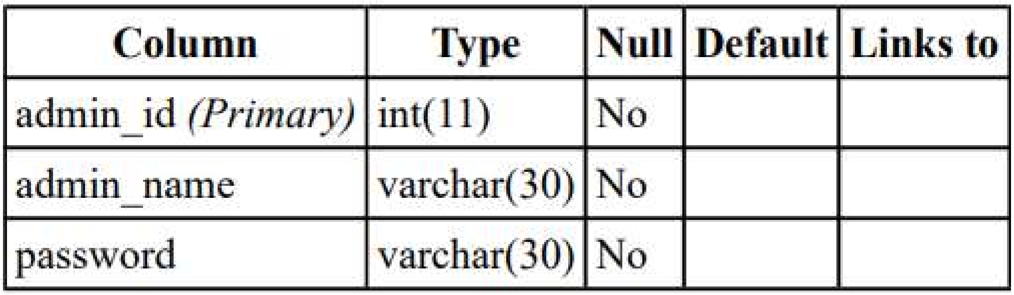
- In this phase, we'll obtain customer's feedback based on evaluation of software created during the engineering stage.
- Tasks:
  - Gather feedback from customers.
  - Evaluate the application's performance and functionality.
  - Identify areas of improvement.
- A report summarizing customer feedback, including:
  - Positive feedback and suggestion for improvement.
  - Areas where the application meets or exceeds customer expectations.
  - Areas where the application needs improvement.

⇨ Spiral Model Diagram



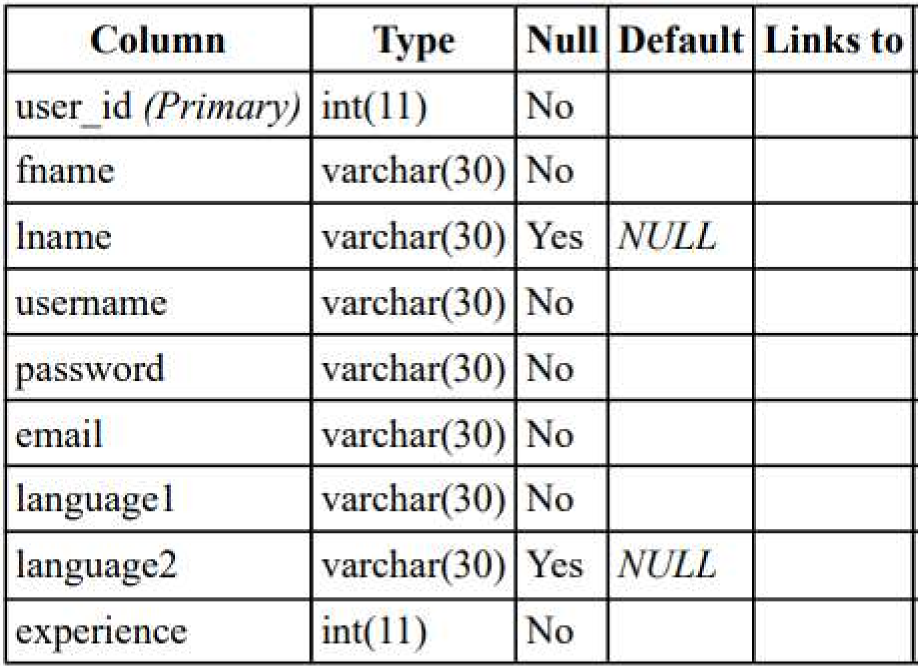
4. Data Dictionary

⇨ Admin



Column	Type	Null	Default	Links to
admin_id *(Primary)*	int(11)	No		
admin_name	varchar(30)	No		
password	varchar(30)	No		

⇨ User



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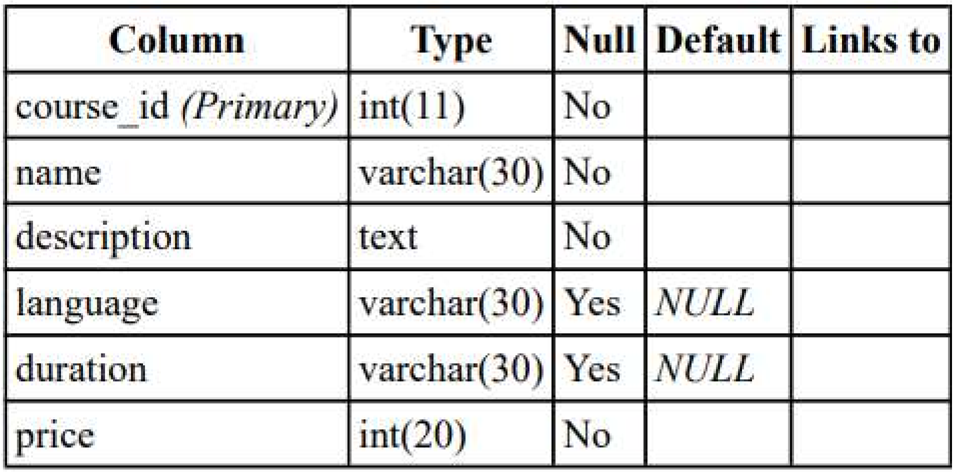
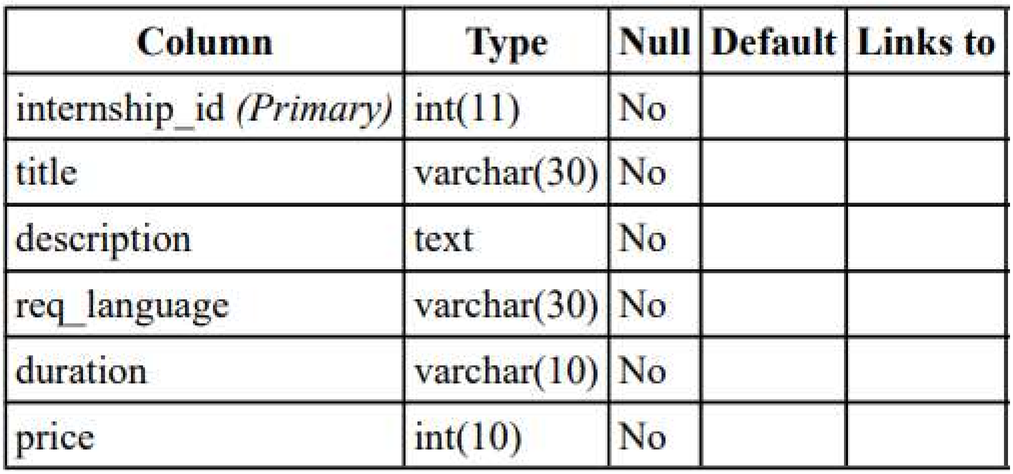
lname	varchar(30)	Yes	*NULL*	
username	varchar(30)	No		
password	varchar(30)	No		
email	varchar(30)	No		
language1	varchar(30)	No		
language2	varchar(30)	Yes	*NULL*	
experience	int(11)	No		

⇨ Course



Column	Type	Null	Default	Links to
course_id *(Primary)*	int(11)	No		
name	varchar(30)	No		
description	text	No		
language	varchar(30)	Yes	*NULL*	
duration	varchar(30)	Yes	*NULL*	
price	int(20)	No		

⇨ Internship



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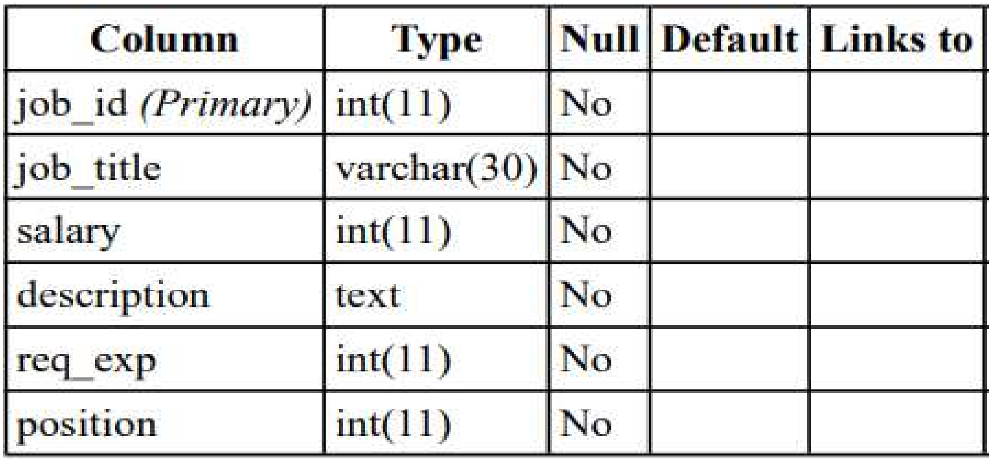
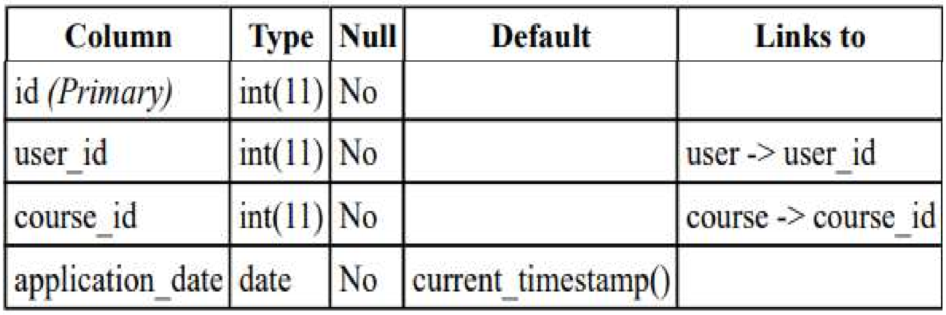
description	text	No		
req_language	varchar(30)	No		
duration	varchar(10)	No		
price	int(10)	No		

⇨ Job



Column	Type	Null	Default	Links to
job_id *(Primary)*	int(11)	No		
job_title	varchar(30)	No		
salary	int(11)	No		
description	text	No		
req_exp	int(11)	No		
position	int(11)	No		

⇨ User_course



Column	Type	Null	Default	Links to
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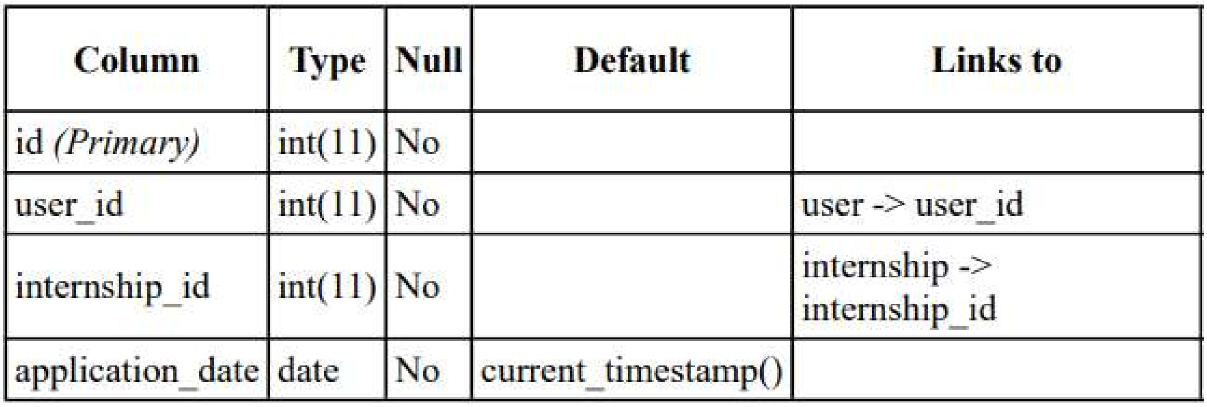
course_id	int(11)	No		course -> course_id
application_date	date	No	current_timestamp()	

⇨ User_intern



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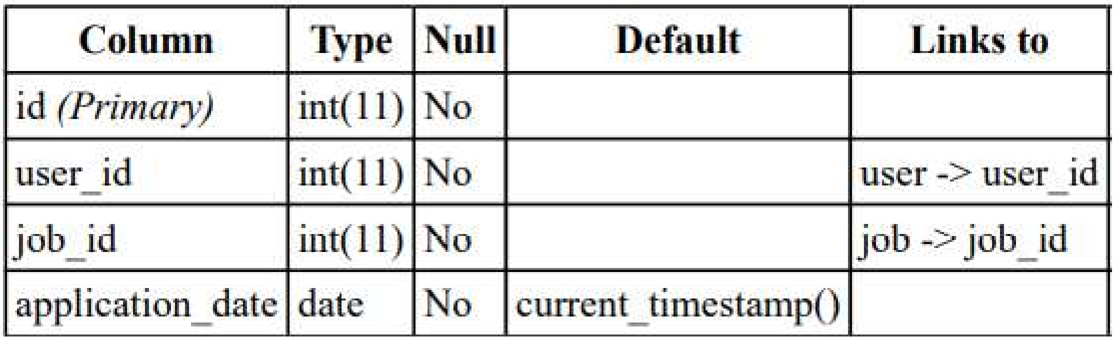
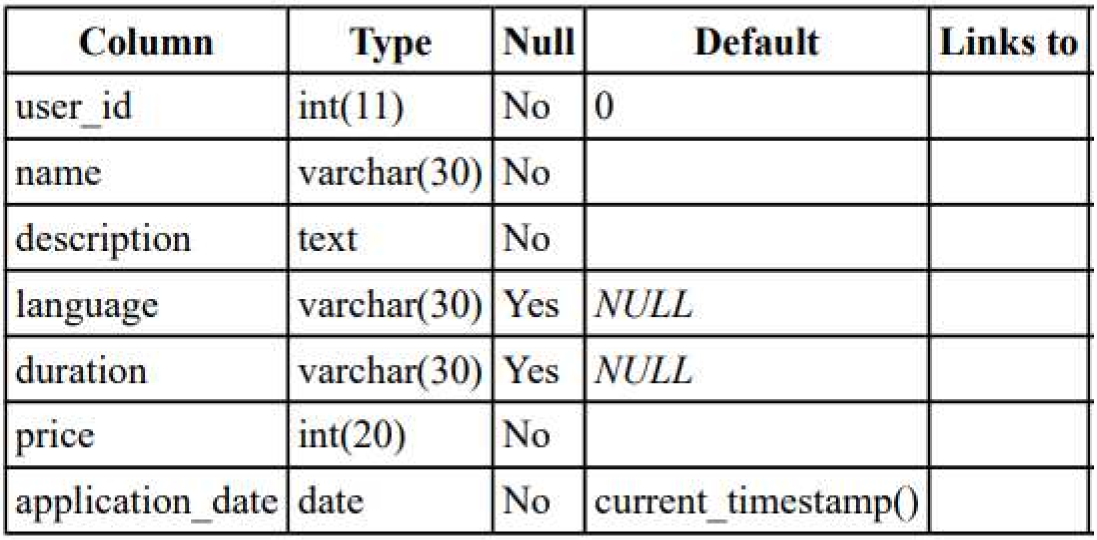
internship_id	int(11)	No		internship -> internship_id
application_date	date	No	current_timestamp()	

⇨ User_job



Column	Type	Null	Default	Links to
id *(Primary)*	int(11)	No		
user_id	int(11)	No		user -> user_id
job_id	int(11)	No		job -> job_id
application_date	date	No	current_timestamp()	

⇨ Vw_user_course



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language	varchar(30)	Yes	*NULL*	
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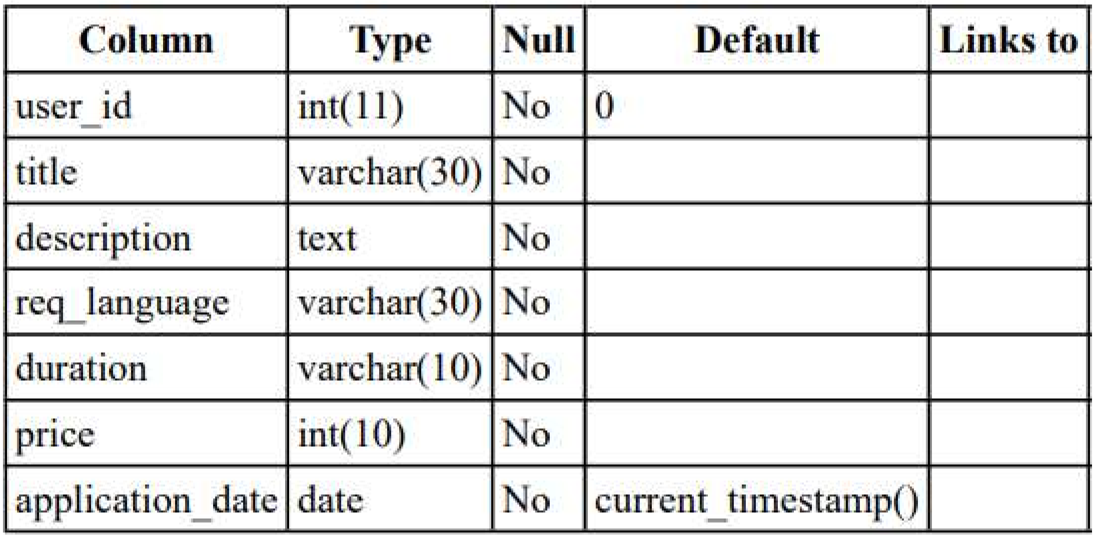
price	int(20)	No		
application_date	date	No	current_timestamp()	

⇨ Vw_user_intern



Column	Type	Null	Default	Links to
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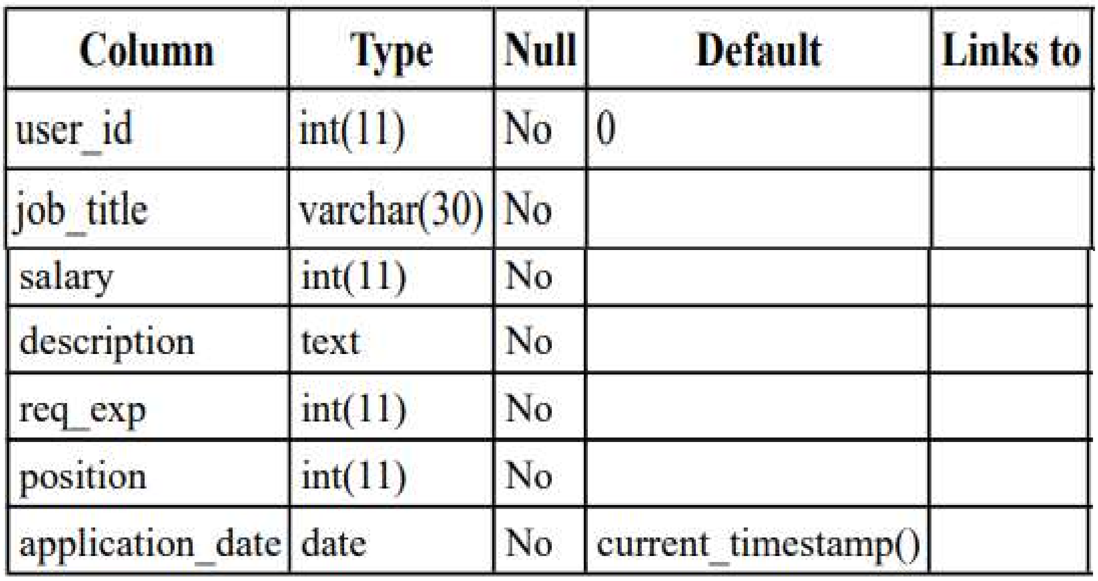
description	text	No		
req_language	varchar(30)	No		
duration	varchar(10)	No		
price	int(10)	No		
application_date	date	No	current_timestamp()	

⇨ Vw_user_job

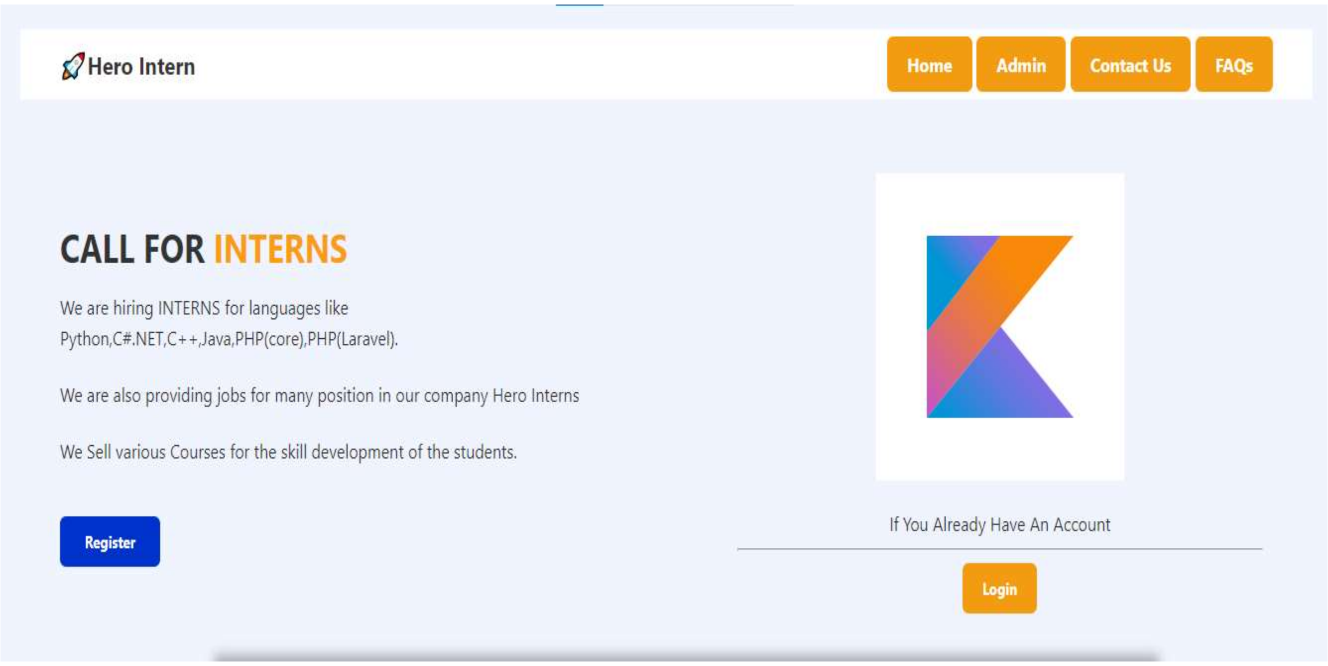


Column	Type	Null	Default	Links to
user_id	int(11)	No	0	
job_title	varchar(30)	No		
salary	int(11)	No		
description	text	No		
req_exp	int(11)	No		
position	int(11)	No		
application_date	date	No	current_timestamp()	

5. Screen Layouts

User Side

⇨ Home Page/Landing Page



CALL FOR INTERNS

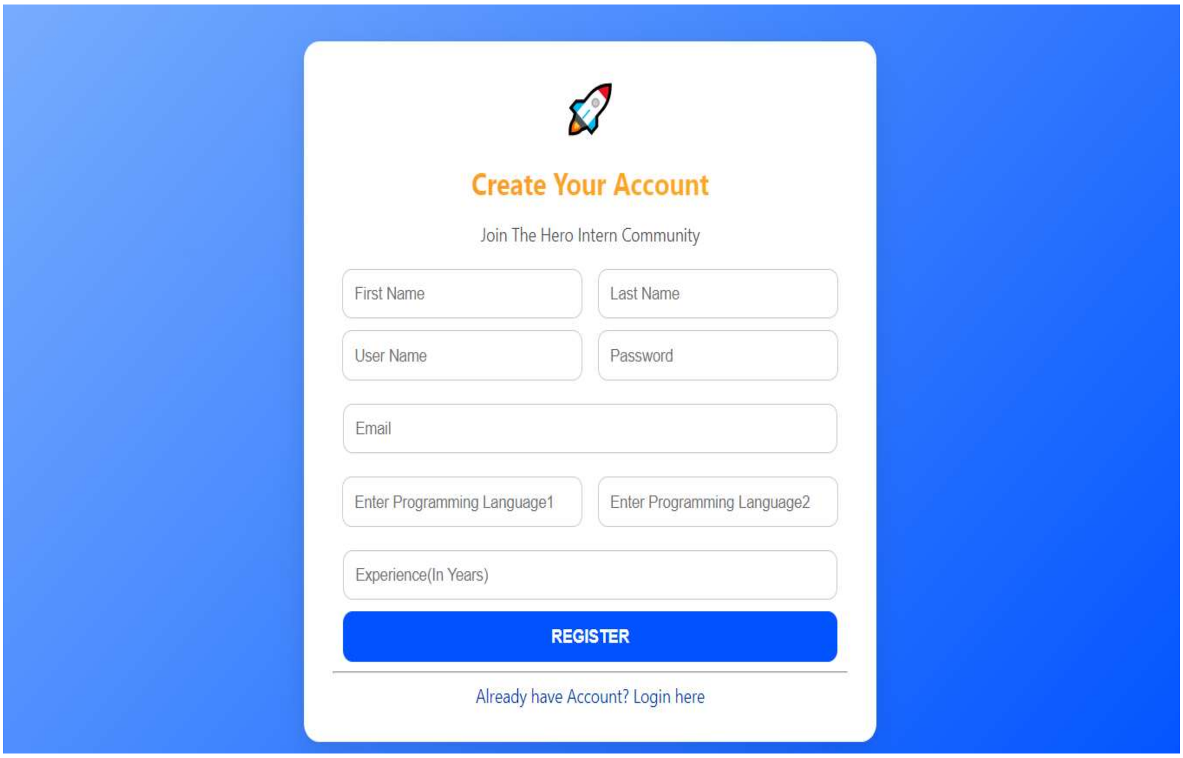
We are hiring INTERNS for languages like Python,C#.NET,C++,Java,PHP(core),PHP(Laravel).

We are also providing jobs for many position in our company Hero Interns

We Sell various Courses for the skill development of the students.

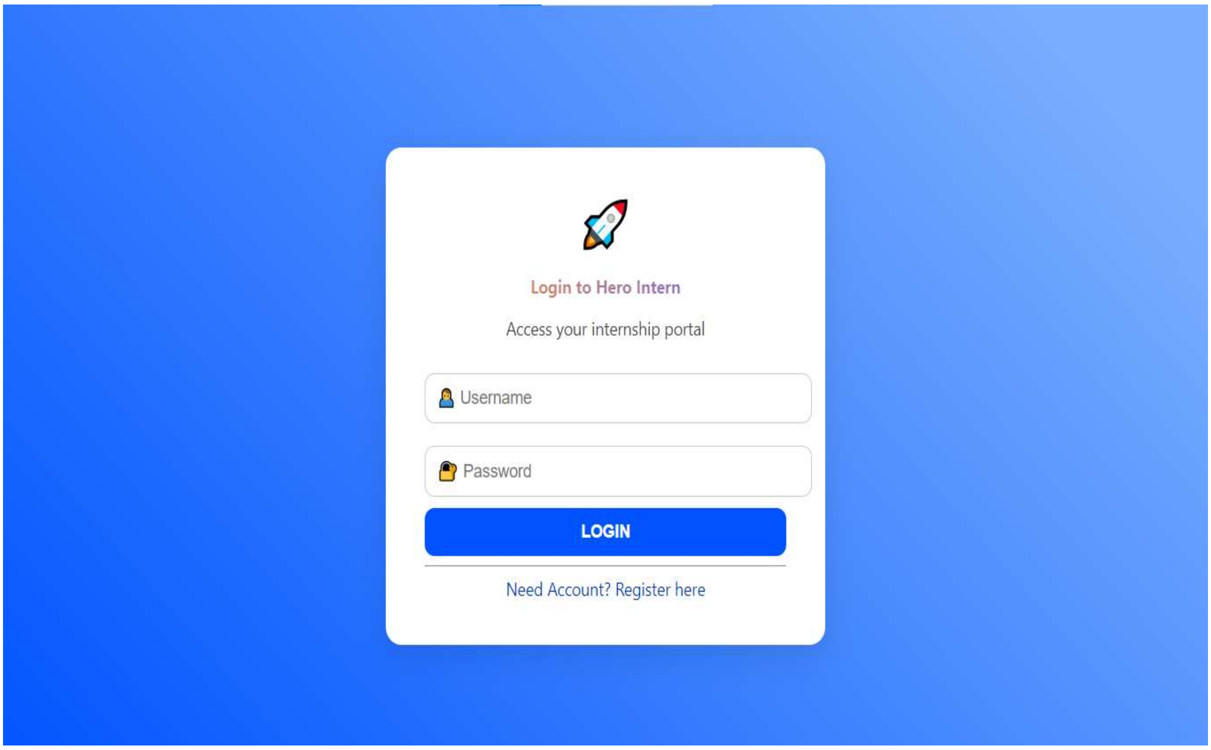
- Landing Page for new users, it helps user to register or login into site.

⇨ Register page


Create Your Account
Join The Hero Intern Community
First Name
Last Name
User Name
Password
Email
Enter Programming Language1
Enter Programming Language2
Experience(In Years)
REGISTER
Already have Account? Login here

- Enter all the required details to register into the Site.

⇨ Login Page

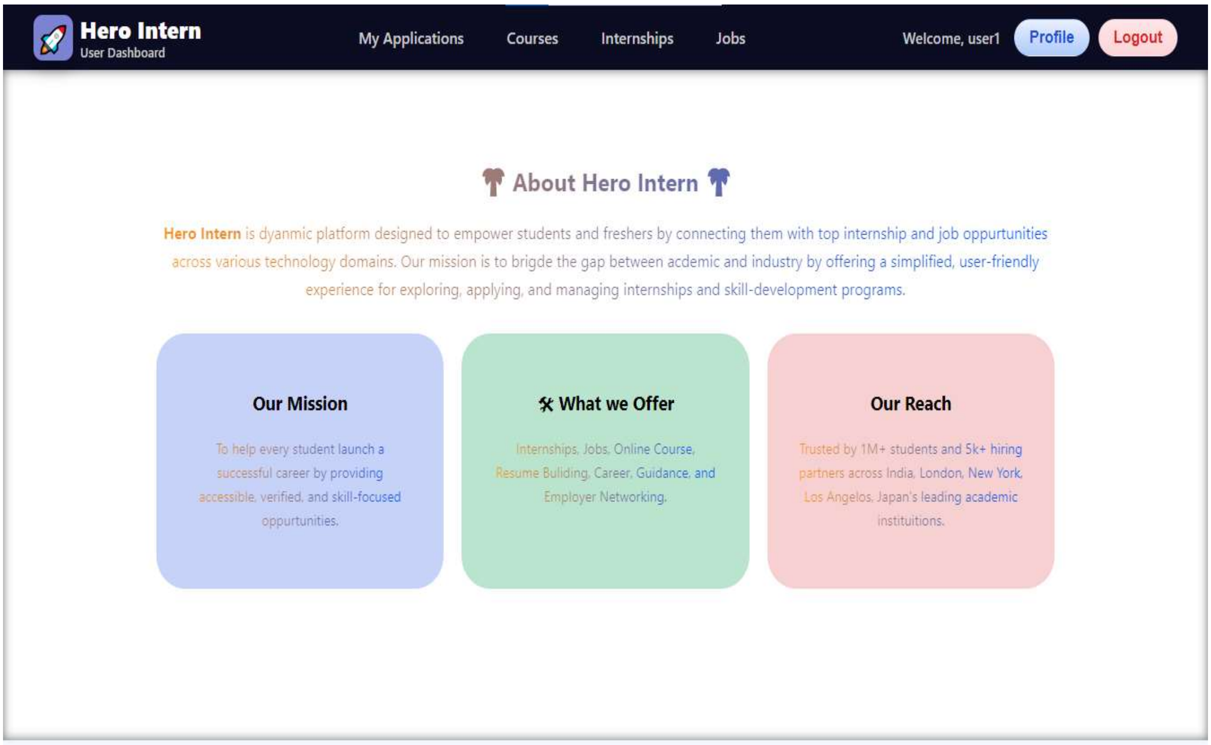


Login to Hero Intern

Access your internship portal

- After registration successfully user needs to login into site using their username and password.

⇨ User Dashboard



About Hero Intern

Hero Intern is dyanmic platform designed to empower students and freshers by connecting them with top internship and job oppurtunities across various technology domains. Our mission is to brigde the gap between acdemic and industry by offering a simplified, user-friendly experience for exploring, applying, and managing internships and skill-development programs.

Our Mission

To help every student launch a successful career by providing accessible, verified, and skill-focused oppurtunities.

🛠 What we Offer

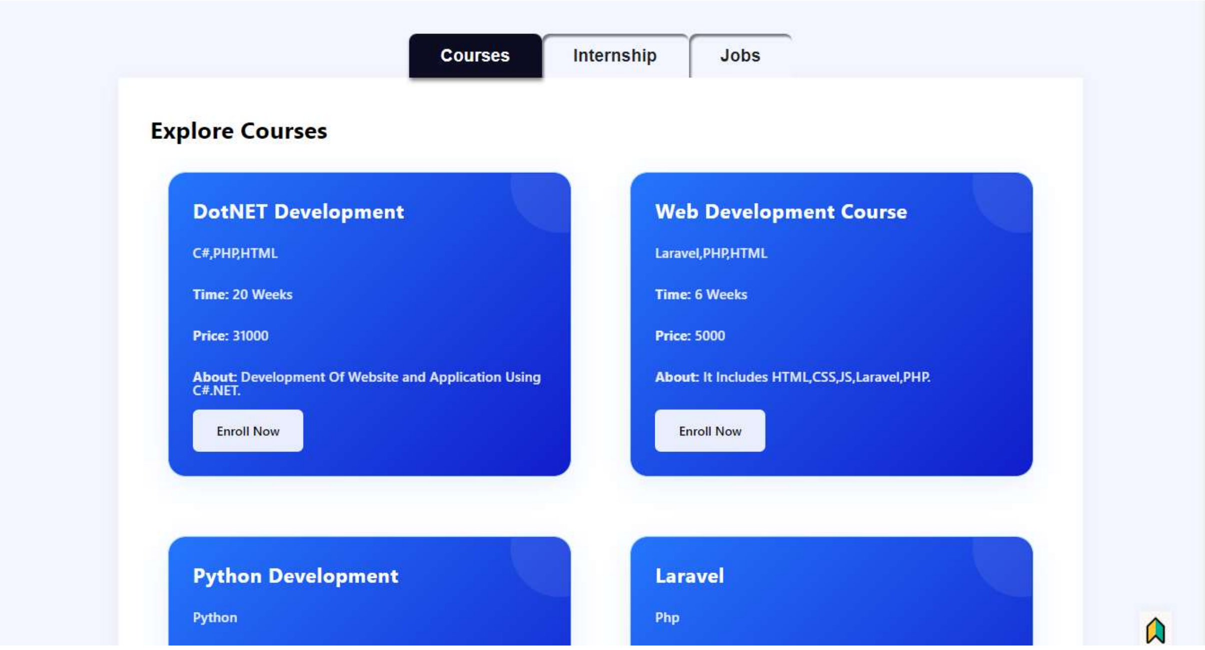
Internships, Jobs, Online Course, Resume Buliding, Career, Guidance, and Employer Networking.

Our Reach

Trusted by 1M+ students and 5k+ hiring partners across India, London, New York, Los Angelos, Japan's leading academic instituitions.

- This is the main page for users.

⇨ Course Cards



Explore Courses

DotNET Development

C#,PHP,HTML

Time: 20 Weeks

Price: 31000

About: Development Of Website and Application Using C#.NET.

Web Development Course

Laravel,PHP,HTML

Time: 6 Weeks

Price: 5000

About: It Includes HTML,CSS,JS,Laravel,PHP.

Python Development

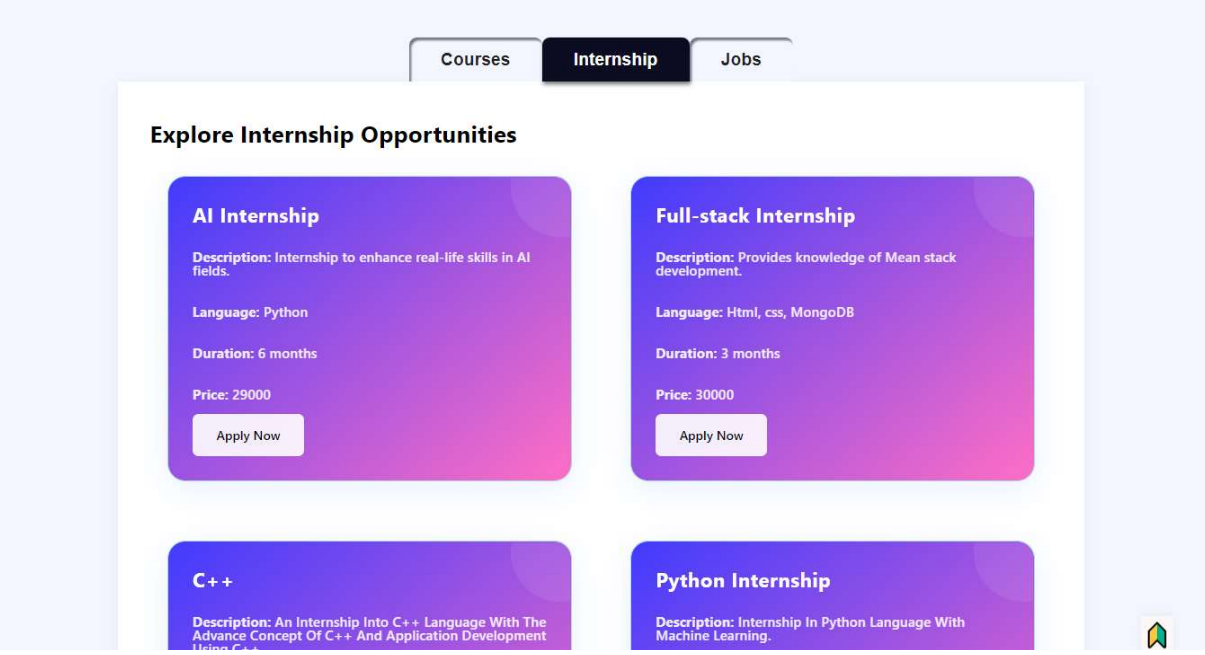
Python

Laravel

Php

- These are the course cards to enroll into the courses.

⇨ Internship Cards



Explore Internship Opportunities

AI Internship

Description: Internship to enhance real-life skills in AI fields.

Language: Python

Duration: 6 months

Price: 29000

Full-stack Internship

Description: Provides knowledge of Mean stack development.

Language: Html, css, MongoDB

Duration: 3 months

Price: 30000

C++

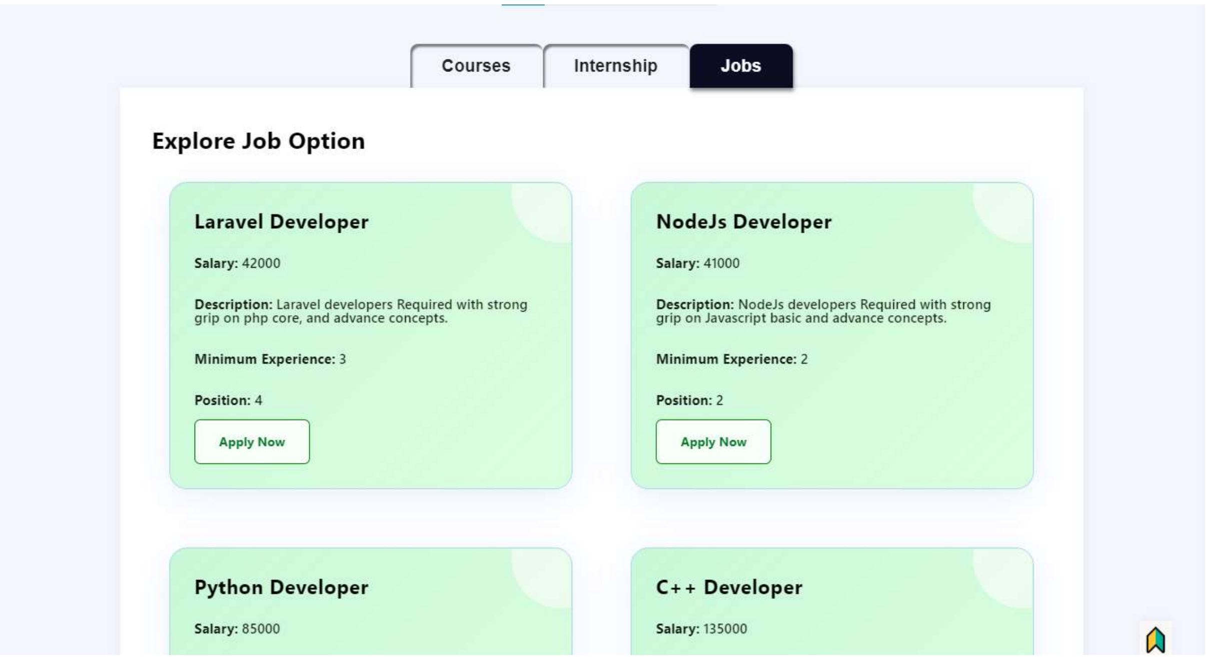
Description: An Internship Into C++ Language With The Advance Concept Of C++ And Application Development Using C++

Python Internship

Description: Internship In Python Language With Machine Learning.

- These are the Internship cards used to enroll into a internship.

⇨ Job Cards



Explore Job Option

Laravel Developer

Salary: 42000

Description: Laravel developers Required with strong grip on php core, and advance concepts.

Minimum Experience: 3

Position: 4

NodeJs Developer

Salary: 41000

Description: NodeJs developers Required with strong grip on Javascript basic and advance concepts.

Minimum Experience: 2

Position: 2

Python Developer

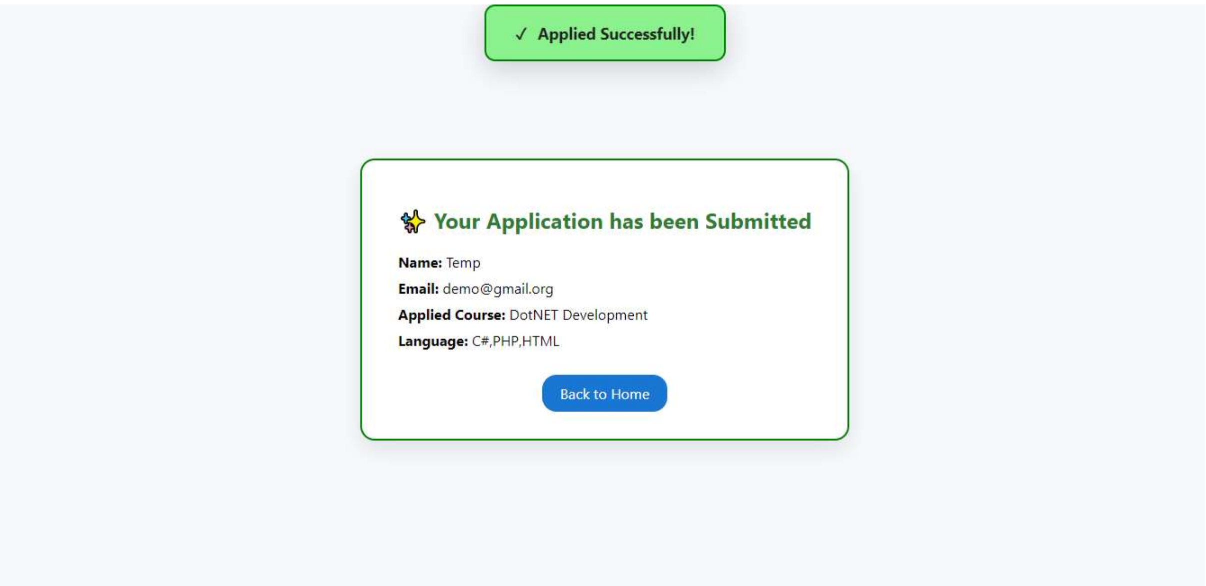
Salary: 85000

C++ Developer

Salary: 135000

- These job cards are used to apply for a particular job.

⇨ Application Success Page



✓ Applied Successfully!

Your Application has been Submitted

Name: Temp

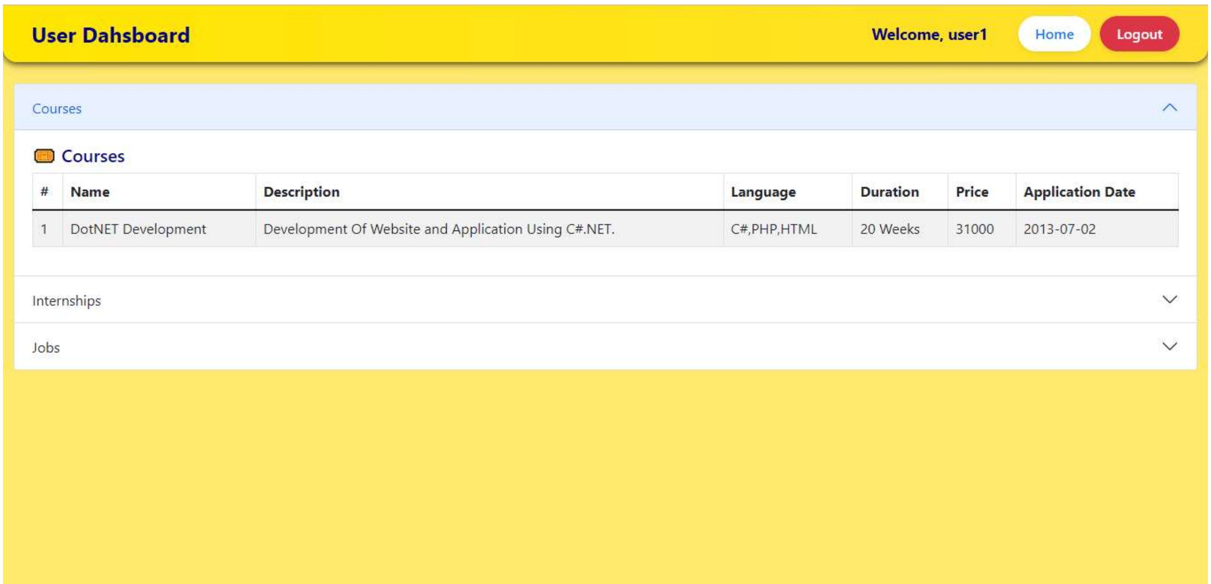
Email: demo@gmail.org

Applied Course: DotNET Development

Language: C#,PHP,HTML

- This Page appears when you successfully enrolled into a course or internship or job.

⇨ User Application Page

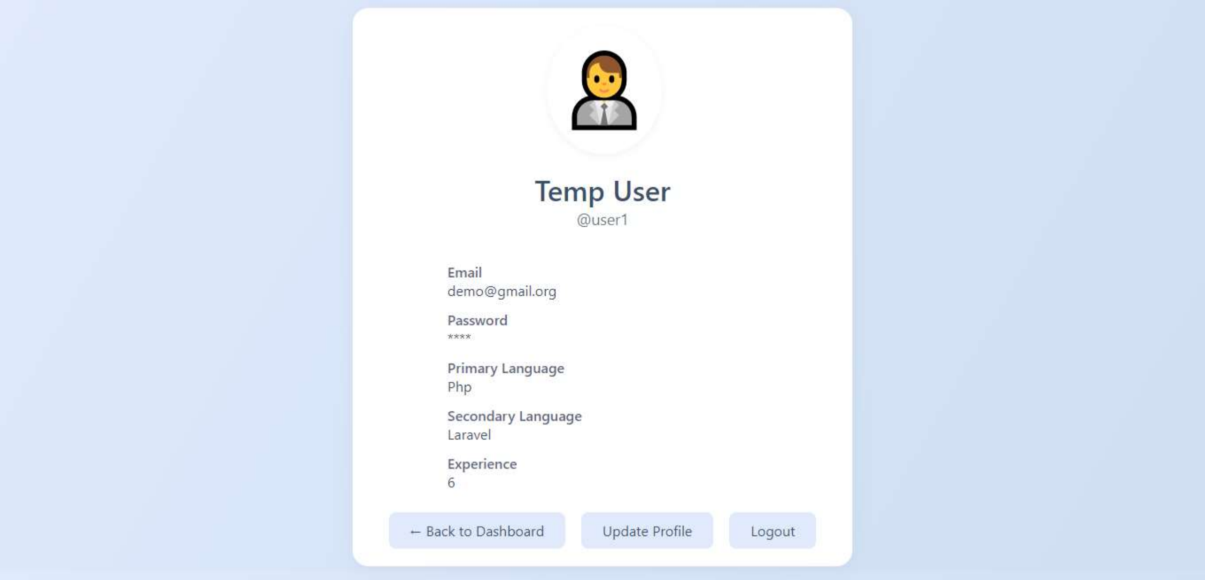


Courses

#	Name	Description	Language	Duration	Price	Application Date
1	DotNET Development	Development Of Website and Application Using C#.NET.	C#,PHP,HTML	20 Weeks	31000	2013-07-02

- This page shows all the application of user, like application in course, internship or in job.

⇨ User Profile Page



Temp User
@user1

Email
demo@gmail.org

Password
****

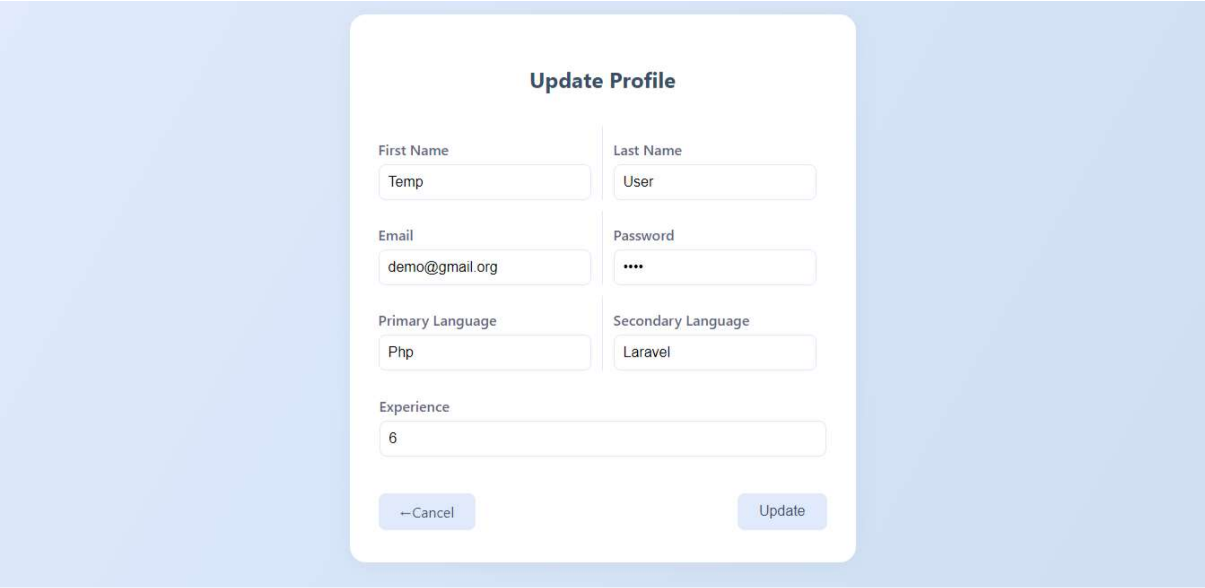
Primary Language
Php

Secondary Language
Laravel

Experience
6

- This page shows all the information about user. It can be updated from here.

⇨ Update User Profile Page



Update Profile

First Name: Temp

Last Name: User

Email: demo@gmail.org

Password: ••••

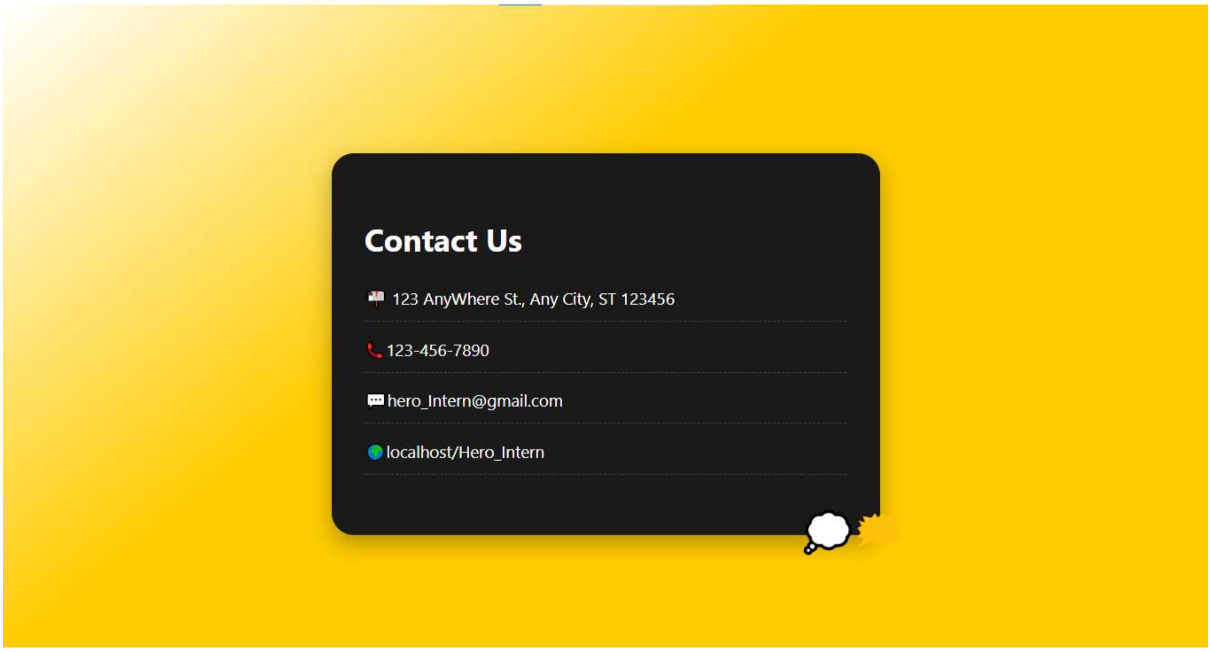
Primary Language: Php

Secondary Language: Laravel

Experience: 6

- User can update or modify any information from this page.

⇨ Contact Us Page



Contact Us

📫 123 AnyWhere St., Any City, ST 123456

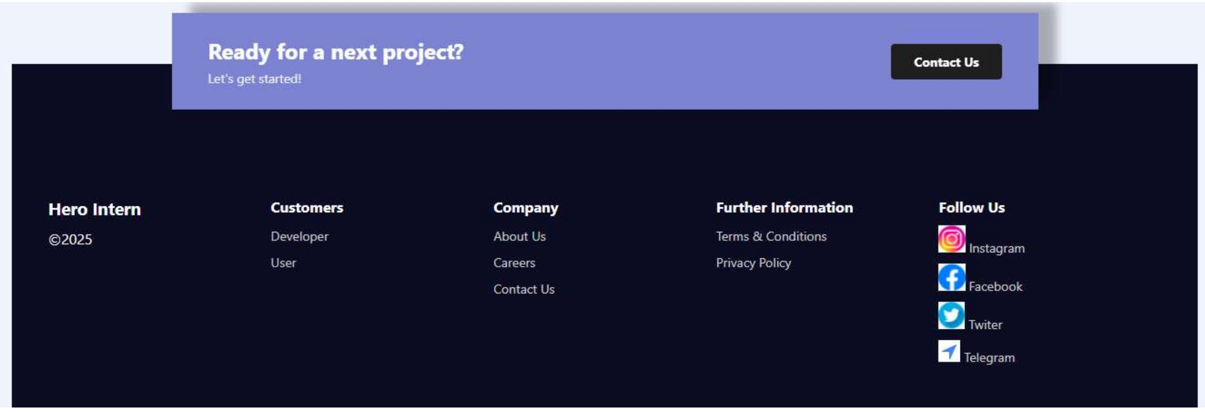
📞 123-456-7890

💬 hero_Intern@gmail.com

🌐 localhost/Hero_Intern

- This page shows physical information about the Hero Intern site.

⇨ Footer Page



Ready for a next project?

Let's get started!

Hero Intern

©2025

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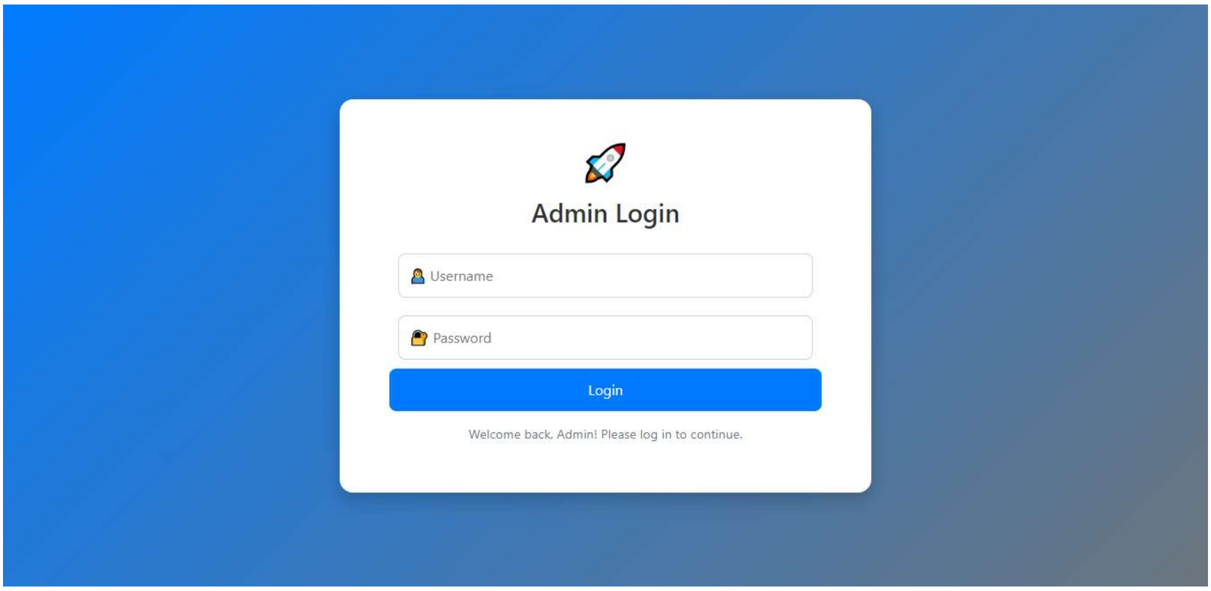
Developer	About Us	Terms & Conditions	Instagram
User	Careers	Privacy Policy	Facebook
	Contact Us		Twiter
			Telegram

- This is the footer of user dashboard page.

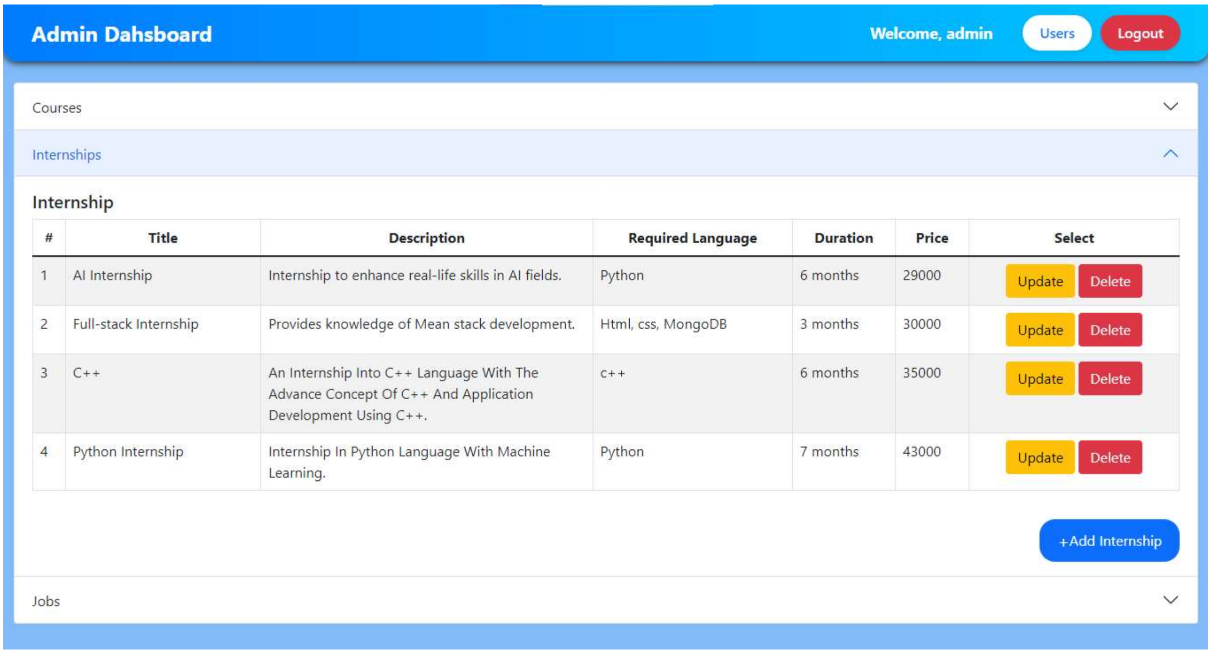
Admin Side

⇨ Login Page



- This Page helps admin to login into admin side.
- To open this page go to **url:** https://localhost/Hero_Intern/admin or via button in Landing Page navbar.

⇨ Admin Dashboard Page

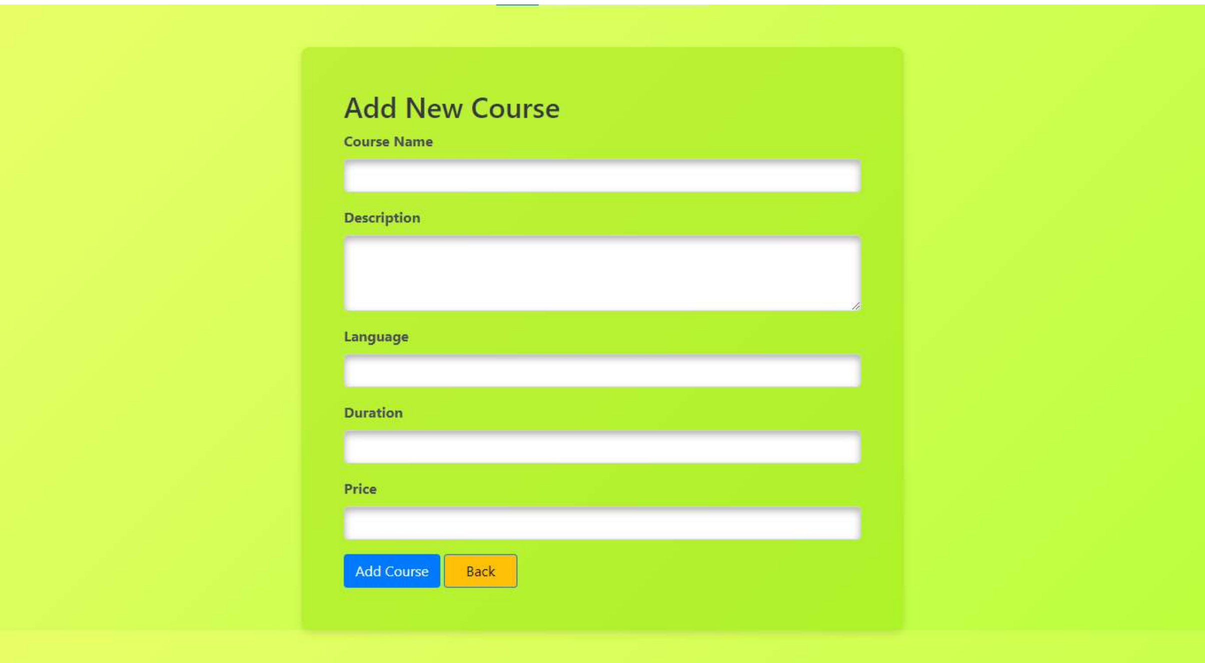


Internship

#	Title	Description	Required Language	Duration	Price	Select
1	AI Internship	Internship to enhance real-life skills in AI fields.	Python	6 months	29000	Update Delete
2	Full-stack Internship	Provides knowledge of Mean stack development.	Html, css, MongoDB	3 months	30000	Update Delete
3	C++	An Internship Into C++ Language With The Advance Concept Of C++ And Application Development Using C++.	c++	6 months	35000	Update Delete
4	Python Internship	Internship In Python Language With Machine Learning.	Python	7 months	43000	Update Delete

- This dashboard page used to perform various operations like insert or edit course, internship or job cards.

⇨ Insert Course/Internship/Job



Add New Course

Course Name

Description

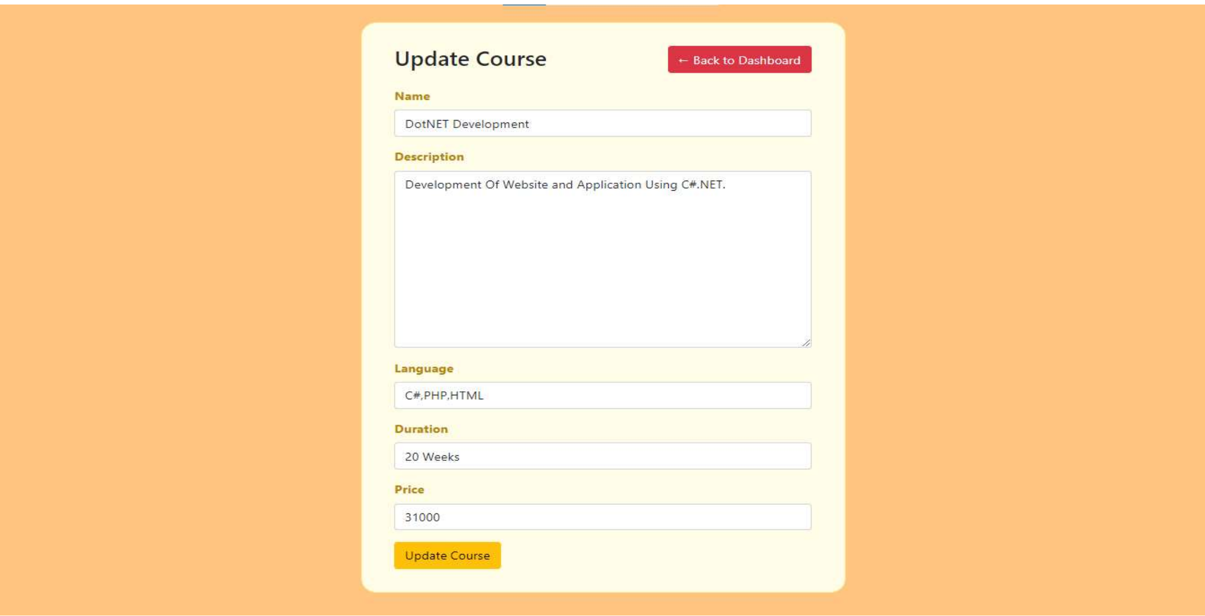
Language

Duration

Price

- This page is used to insert new courses, internships or jobs into the site.

⇨ Update Course/Internship/Job



Update Course

Name: DotNET Development

Description: Development Of Website and Application Using C#.NET.

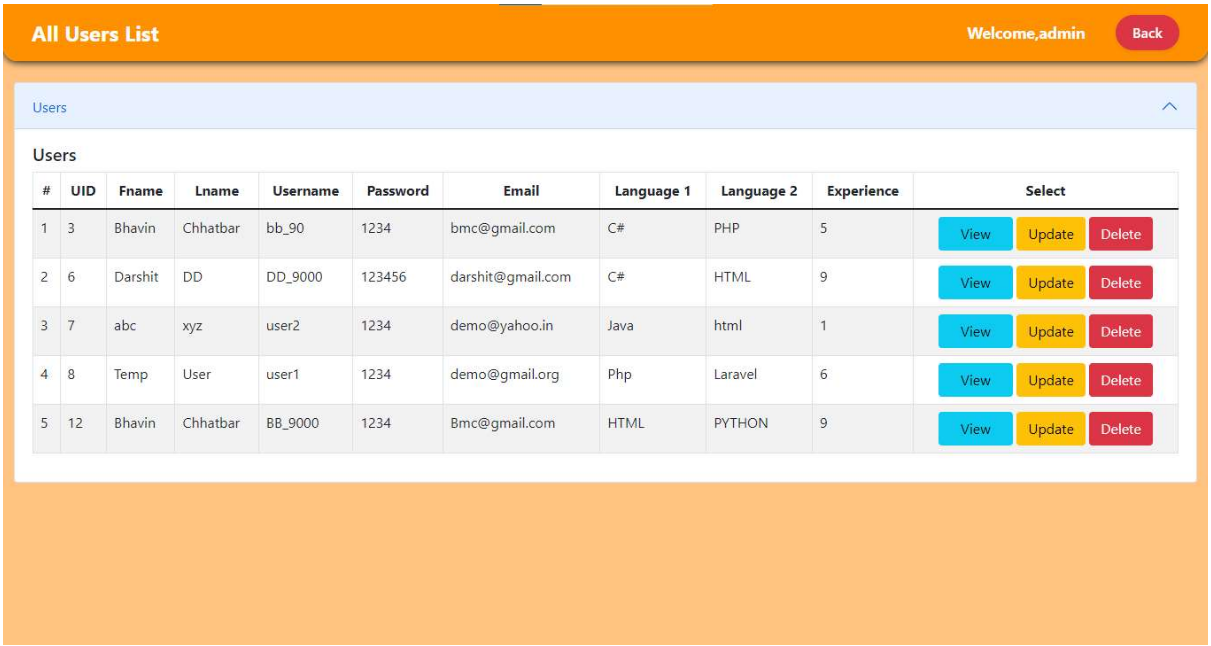
Language: C#,PHP,HTML

Duration: 20 Weeks

Price: 31000

- This page is used to update/edit courses, internships or jobs into the site.

⇨ Users List Page

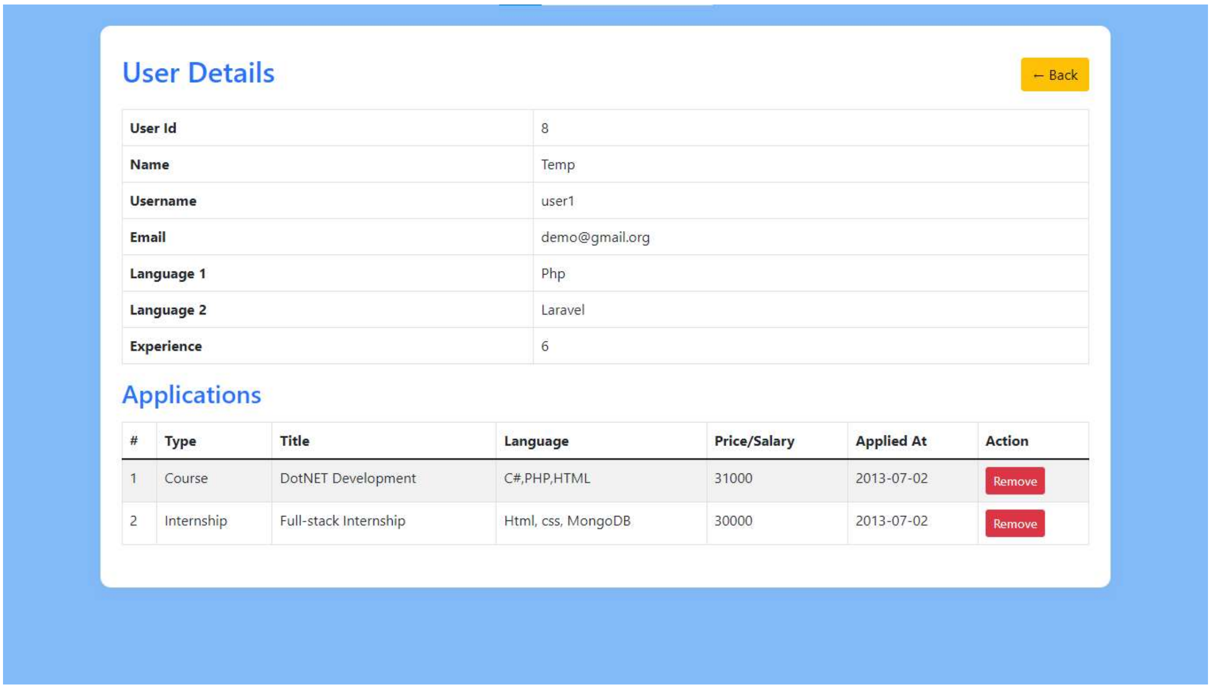


Users

#	UID	Fname	Lname	Username	Password	Email	Language 1	Language 2	Experience	Select
1	3	Bhavin	Chhatbar	bb_90	1234	bmc@gmail.com	C#	PHP	5	View Update Delete
2	6	Darshit	DD	DD_9000	123456	darshit@gmail.com	C#	HTML	9	View Update Delete
3	7	abc	xyz	user2	1234	demo@yahoo.in	Java	html	1	View Update Delete
4	8	Temp	User	user1	1234	demo@gmail.org	Php	Laravel	6	View Update Delete
5	12	Bhavin	Chhatbar	BB_9000	1234	Bmc@gmail.com	HTML	PYTHON	9	View Update Delete

- This page shows all users list which are registered into the site.

⇨ User Detail Page



User Details

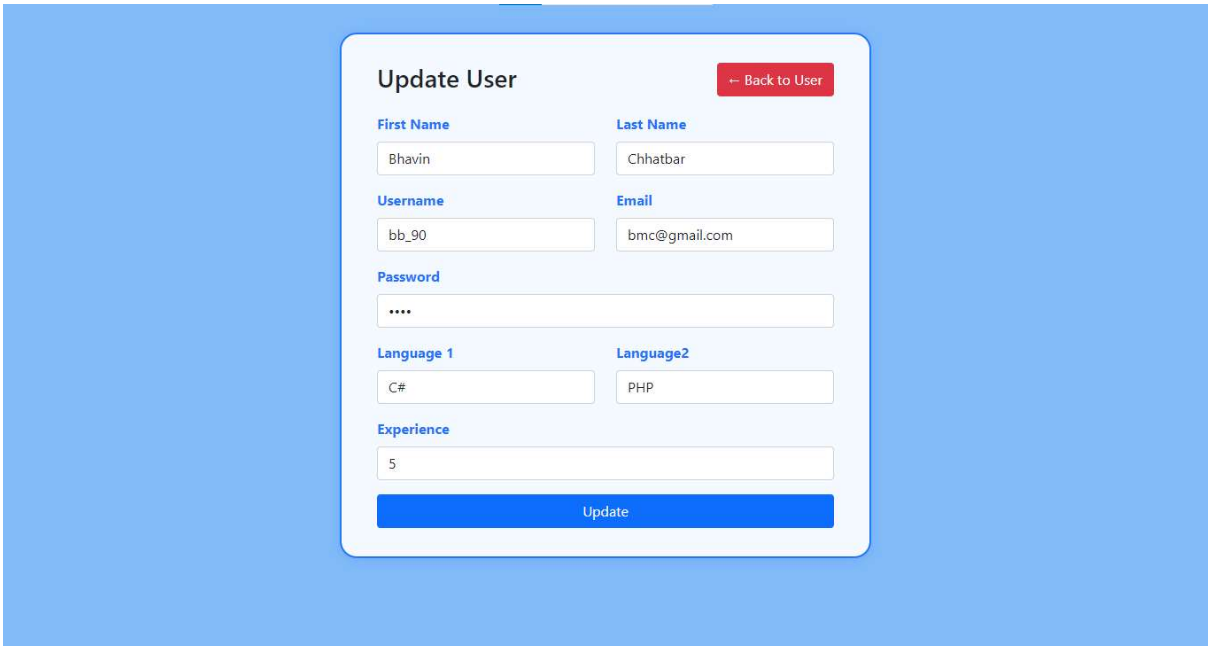
User Id	8
Name	Temp
Username	user1
Email	demo@gmail.org
Language 1	Php
Language 2	Laravel
Experience	6

Applications

#	Type	Title	Language	Price/Salary	Applied At	Action
1	Course	DotNET Development	C#,PHP,HTML	31000	2013-07-02	Remove
2	Internship	Full-stack Internship	Html, css, MongoDB	30000	2013-07-02	Remove

- Admin can see all details and application of user from this page.

⇨ Update User Page



Update User

First Name: Bhavin

Last Name: Chhatbar

Username: bb_90

Email: bmc@gmail.com

Password: ••••

Language 1: C#

Language2: PHP

Experience: 5

- Admin can update or modify users detail from this page.

6. Code Explanation

⇨ Connection.php

- Php code that can used in used in all files for common connections to database.

```
<?php
   $HOST = "localhost";
   $DBUSER = "root";
   $DBPASSWORD = "";
   $DBNAME = "db_hero_intern";

   $db = mysqli_connect($HOST, $DBUSER, $DBPASSWORD,
$DBNAME);
?>
```

- Now we can use import where required using require_once('PATH/connection.php);

⇨ User Registration Page:

- Code for form

```
<body>
        <form method="POST">
            <div class="form-row">
                <input type="text" name="fname" placeholder= "First Name"
required autofocus>
                <input type="text" name="lname" placeholder= "Last Name"
required>
            </div>
            <div class="form-row">
                    <input type="text" name="username" placeholder= "User
Name" required>
                    <input type="password" name="password" placeholder=
"Password" required>
            </div>
                <input type="email" name="email" placeholder= "Email"
required>
            <div class="form-row">
                <input type="text" name="language1" placeholder
= "Enter Programming Language1" required>
                <input type="text" name="language2" placeholder
="Enter Programming Language2" required>
            </div>
                                        <input type="text" name="experience"
placeholder="Experience(In Years)" required>
            <button type="submit" name="submit">REGISTER</button>
            <hr>
            <a href="./login.html" name="login" class="log-btn">Already have Account? Login here</a>

        </form>
```

- Logic for register

```
<?php
    session_start();
    $db=mysqli_connect("localhost","root","","db_hero_intern");
    if(isset($_POST['submit']))
    {
        $sql="select * from user where username='$username'";
        $run=mysqli_query($db,$sql);
        $get_rows=mysqli_affected_rows($db);
        if($get_rows>=1)
        {
            ?>
                <script>
                    alert("user exist");
                </script>
            <?php
        }
        else
        {
            $sql="insert into user
(fname, lname, username, password, email, language1, language2, experience)
Values
('$fname','$lname','$username','$password','$email',
'$language1','$language2','$experience')";

            mysqli_query($db,$sql);
            $_SESSION['username']=$username;
            header('location:./register.php?registerSuccess=true');
        }
    }
?>
```

- The above code is used to register new users.
- After the register successfully, user will be redirected to the login page.
- In the login page user needs to enter the login details like username and password.

⇨ User Login Page

- Html Code for user login form.

```
<div class="login-container">
    <div class="rocket">□ </div>
    <h2>Login to Hero Intern</h2>
    <p>Access your internship portal</p>
    <form action="login.php?loginError=false" method="post">
        <input type="text" name="username" id="" placeholder="□♂□ Username" required autofocus/>
                <input type="password" name="password" id="" placeholder="□ Password" required />
      <button type="submit" name="login">LOGIN</button>
      <hr/>
        <a href="./register.php?registerSuccess=false" name="register" class="reg-btn">Need Account? Register here</a>
    </form>
  </div>
```

- Php logic for checking user’s login credentials.

```
if(isset($_POST['login']))
{
  $username=$_POST['username'];
  $password=$_POST['password'];
    $sql="select * from user where username='$username' and password='$password'";
  $result = mysqli_query($db,$sql) or die();
  $total=mysqli_num_rows($result);

   if ($total == 1) {
      $_SESSION['username']=$username;
      header("location:dashboard.php");
   }
   else
   { ?>
      <script>
         alert('Wrong login credentials');
         window.location.href='login.php'
      </script>
      <?php
   }
}
```

⇨ User Dashboard:

- Navbar for users.

```
<nav>
    <div class="navbar-container">
        <div class="navbar-left">
            <span class="navbar-logo">□</span>
            <div class="navbar-title-wrap">
                <div class="navbar-title-main">Hero Intern</div>
                <div class="navbar-title-sub">User Dashboard</div>
            </div>
        </div>
        <div class="navbar-center">
            <a href="./userapplication.php">My Applications</a>
            <a href="#courses" class="navbar-link">Courses</a>
            <a href="#internships" class="navbar-link">Internships</a>
            <a href="#jobs" class="navbar-link">Jobs</a>
        </div>
        <div class="navbar-right">
                    <span class="navbar-user">Welcome, <?= htmlspecialchars($_SESSION['username'])?></span>
                    <button class="modular-btn profile-btn" onclick="window.location.href='./userProfile.php'">
                <span class="btn-text">Profile</span>
            </button>
                    <button class="modular-btn logout-btn" onclick="window.location.href='./user_logout.php'">
                <span class="btn-text">Logout</span>
            </button>
        </div>
    </div>
</nav>
```

- About us section on user dashboard.

```
<header>
    <section>
        <h2>
                □ About Hero Intern □
        </h2>
        <p><strong>Hero Intern</strong> is dyanmic platform designed to empower students and freshers by connecting them with top internship and job oppurtunities across various technology domains. Our mission is to brigde the gap between acdemic and industry by offering a simplified, user-friendly experience for exploring, applying, and managing internships and skill-development programs.
        </p>
        <div class="about-card">
            <div class="about-box">
                <h3 style="margin-bottom: 10px;">Our Mission</h3>
                <p style="font-size: 14px; color: #555;">
                    To help every student launch a successful career by providing accessible, verified, and skill-focused oppurtunities.
                </p>
            </div>
            <div class="about-box" style="background: #bbe4ce;">
                <h3 style="margin-bottom: 10px;">□ What we Offer</h3>
            <p style="font-size: 14px; color: #555;">
                Internships, Jobs, Online Course, Resume Buliding, Career, Guidance, and Employer Networking.
            </p>
          </div>
          <div class="about-box" style="background: #f7d1d1;">
            <h3 style="margin-bottom: 10px;">Our Reach</h3>
            <p style="font-size: 14px; color: #555;">
              Trusted by 1M+ students and 5k+ hiring partners across India, London, New York, Los Angelos, Japan's leading academic instituitions.
            </p>
          </div>
        </div>
      </section>
    </header>
```

- Section for all cards. (course, Internship, Job, etc).

```
    <div class="container">
      <div class="tabs">
        <!-- Tab buttons-->
        <button class="tab-btn active" data-tab="courses">
Courses
    </button>
        <button class="tab-btn" data-tab="internships">
Internship
         </button>
```

```
          <button class="tab-btn" data-tab="jobs">
Jobs
    </button>
        </div>
        <div class="tab-content" id="courses" style="display:block;">
          <h2>Explore Courses</h2>
         <div class="grid">
```

- Dynamic Course Cards

```
<?php
    require_once("./connection.php");
    $selectCourses = "SELECT * FROM course";
        $resSelCourse = mysqli_query($db, $selectCourses) or
die(mysqli_error($db));
    $id=1;
    while($row = mysqli_fetch_assoc($resSelCourse))
    {
        ?>

    <div class="card webdev">
        <h3><?= $row['name'] ?></h3>
        <p><?= $row['language'] ?></p>
        <p><strong>Time: </strong>
<?= $row['duration'] ?>
</p>
        <p><strong>Price: </strong>
<?= $row['price'] ?>
</p>
        <p><strong>About: </strong><?= $row['description'] ?></p>
                    <a href="./courseApply.php?uname=<?php echo
$_SESSION['username']?>&courseid=<?=$id?>" class="apply-
btn">Enroll Now</a>
    </div>
<?php
    $id += 1;
}
?>
```

- Dynamic Internship cards

```
<?php
    require_once("./connection.php");

    $selectCourses = "SELECT * FROM internship";
        $resSelCourse = mysqli_query($db, $selectCourses) or
die(mysqli_error($db));
    $id = 1;
    while($row = mysqli_fetch_assoc($resSelCourse))
    {
       ?>
    <div class="card uiux">
        <h3><?= $row['title'] ?></h3>
        <p><strong>Description: </strong>
<?= $row['description'] ?>
</p>
        <p><strong>Language: </strong>
<?= $row['req_language'] ?>
</p>
        <p><strong>Duration: </strong>
<?= $row['duration'] ?>
</p>
        <p><strong>Price: </strong>
<?= $row['price'] ?>
</p>

                <a href="./internshipApply.php?uname=<?php echo $_SESSION['username']?>&internshipid=<?=$id?>" class="apply-btn">Apply Now</a>
    </div>
<?php
        $id += 1;
}

?>
```

- Dynamic code for job card.

```
<?php
    require_once("./connection.php");

    $selectCourses = "SELECT * FROM job";
```

```
      $resSelCourse = mysqli_query($db, $selectCourses) or
die(mysqli_error($db));


   $id = 1;
   while($row = mysqli_fetch_assoc($resSelCourse))
   {
      ?>
       <div class="card android">
      <h3><?= $row['job_title'] ?></h3>
      <p><strong>Salary: </strong>
<?= $row['salary'] ?>
</p>
      <p><strong>Description: </strong>
<?= $row['description'] ?>
</p>
      <p><strong>Minimum Experience: </strong>
<?= $row['req_exp'] ?>
</p>
      <p><strong>Position: </strong>
<?= $row['position'] ?>
</p>
```

- Code to disable button when jobs are full.

```
      <?php
         if ($row['position'] <= 0) {
              ?><a class="apply-btn disabled" id="job-apply-btn">Apply Now</a> </div>

         <?php continue;

         }

      ?>

                         <a href="./jobApply.php?uname=<?php echo $_SESSION['username']?>&jobid=<?=$id?>"class="apply-btn" id="job-apply-btn">Apply Now</a>

   </div>

<?php

   $id += 1;

}

?>
```

⇨ User Profile

```
<?php
session_start();
if(!isset($_SESSION['username'])){
   echo "<script>alert('You need to login first!');window.location='login.php';</script>";
   exit();
}
require_once("connection.php");
$username=$_SESSION['username'];
$query="SELECT * FROM user WHERE username='$username'";
$result=mysqli_query($db,$query);
$user=mysqli_fetch_assoc($result);
?>
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Hero Intern | User Profile</title>
   <link rel="stylesheet" href="../css/userProfile.css">
</head>
<body>
   <div class="profile-container">
```

```
<!-- <img src="../Images/USERPIC.gif" alt="Profile Avatar" class="profile-avatar"> -->
<div class="profile-avatar">□□</div>
<div class="profile-name">
    <?= htmlspecialchars(($user['fname'] ?? $username).' '.($user['lname'] ??'')) ?>
</div>
<div class="profile-username">@<?= htmlspecialchars($username)?></div>
    <dl class="profile-details">
        <dt>Email</dt>
        <dd><?= htmlspecialchars($user['email'] ?? 'Not Provided')?></dd>
        <dt>Password</dt>
        <dd>
            <?php
                $hiddenText=$user['password'] ?? '';
                echo str_repeat('*',strlen($hiddenText));
            ?>
        </dd>
        <dt>Primary Language</dt>
        <dd><?= htmlspecialchars($user['language1'] ?? 'Not Provided')?></dd>
        <dt>Secondary Language</dt>
        <dd><?= htmlspecialchars($user['language2'] ?? 'Not Provided')?></dd>
        <dt>Experience</dt>
        <dd><?= htmlspecialchars($user['experience'] ?? 'Not Provided')?></dd>
        </dl>

        <div class="profile-actions">

          <a href="dashboard.php" class="profile-btn">&larr; Back to Dashboard</a>

          <a href="updateProfile.php" class="profile-btn">Update Profile</a>

          <a href="user_logout.php" class="profile-btn">Logout</a>

        </div>

    </div>

</body>

</html>
```

⇨ Footer (for all pages):

- Html code for footer.

```
<footer id="user_footer">
   <link rel="stylesheet" href="../css/footer.css">
   <div class="footer-top-banner">
      <div class="banner-content">
         <div>
              <h2>Ready for a next project?</h2>
              <p>Let's get started!</p>
         </div>
      <b><a  class="contact-btn"  href="./contact_us.php">Contact
Us</a></b>
      </div>
   </div>
   <div class="footer-main">
      <div class="footer-column">
         <h3>Hero Intern</h3>
         <p>&copy;2025</p>
      </div>
      <div class="footer-column">
         <h4>Customers</h4>
         <ul>
            <li><a href="#">Developer</a></li>
            <li><a href="#">User</a></li>
         </ul>
```

```
        </div>
        <div class="footer-column">
          <h4>Company</h4>
          <ul>
            <li><a href="#">About Us</a></li>
            <li><a href="#">Careers</a></li>
            <li><a href="#">Contact Us</a></li>
          </ul>
        </div>
        <div class="footer-column">
          <h4>Further Information</h4>
          <ul>
            <li><a href="#">Terms & Conditions</a></li>
            <li><a href="#">Privacy Policy</a></li>
          </ul>
        </div>
        <div class="footer-column">
          <h4>Follow Us</h4>
          <div class="social-icons">
            <ul>
              <li><a href="#"><image src="../Images/insta2.jpg">
    Instagram</a></li>
              <li><a href="#"><image src="../Images/fb2.jpg">
    Facebook</a></li>
              <li><a href="#"><image src="../Images/tweet2.jpg">
    Twiter</a></li>
```

```
              <li><a href="#"><image src="../Images/location.png"> Telegram</a></li>
            </ul>
          </div>
        </div>
    </div>
</footer>
```

⇨ Admin Login Page:

- Logic to check login credentials for admin.

```
<?php
session_start();
require_once "./connection.php";
if($_SERVER["REQUEST_METHOD"]=="POST"){
   $username=$_POST['username'];
   $password=$_POST['password'];
   $query="SELECT * FROM admin WHERE admin_name='$username' AND password='$password'";
   $result=$db->query($query);
   if($result->num_rows==1){
      $_SESSION['admin'] = $username;
      header("Location:admin_dashboard.php");
      exit();
   }
   else {
      $error_message=" ❌Invalid credentials. Please try again. ❕ ";
   }
}
?>
```

- Html Code for login form of admin.

```
      <form action="" method="POST">
            <input type="text" name="username" placeholder="□♂□ Username" required autofocus/>
            <input type="password" name="password" placeholder="□
Password" required />
        <button type="submit">Login</button>
      </form>
```

- The above code is shows the admin login page.

⇨ Inserting Courses/Internships/Jobs by admin:

```
<?php
require_once "./connection.php";
if($_SERVER['REQUEST_METHOD']=== 'POST'){
   $name=$_POST['name'];
   $description=$_POST['description'];
   $language=$_POST['language'];
   $duration=$_POST['duration'];
   $price=$_POST['price'];


                    $insert_query="INSERT INTO course
(name,description,language,duration,price) VALUES
('$name','$description','$language','$duration','$price')";
   if(mysqli_query($db,$insert_query)){
      $success_message="Course Added Successfully!";
   }
   else{
      $error_message="Error:".mysqli_error($db);
   }
}
```

```
?>
```

- The above code is used to insert new course cards dynamically into the site.
- The same code and logic is also user for insering internships and jobs.

7. Test Cases

Uses Side

⇨ Case 1:Registration Page

- Description:
  - Verify that a user can register successfully.
- Steps:
  - Go to the registration page
  - Enter valid username
  - Submit the registration form
- Expected Result:
  - User is registered successfully and redirected to the login page
- Actual Result:
  - Pass

⇨ Case 2:User Login Page

- Description:
  - Verify that a user can login successfully.
- Steps:
  - Go to the login page
  - Enter valid username and password
  - Submit the form
- Expected Result:
  - User is login successfully and redirected to the dashboard.
- Actual Result:
  - Pass

⇨ Case 3:Enroll course, Internship

- Description:
  - Verify that a user can enroll in upto one courses and its detail is shown in My Application Page.
- Steps:
  - Go to Course section on Dashboard page
  - Find required course
  - Click Apply Button
- Expected Result:
  - User is enrolled successfully and redirected to the Applied Success page.
- Actual Result:
  - Pass

⇨ Case 4: Apply for Job

- Description:
  - Verify that a user can apply in a job and success message is shown in new page.
- Steps:
  - Go to Course section on Dashboard page
  - Find relevant job card
  - Click Apply Button
- Expected Result:
  - User application is successfully and redirected to the Applied Success page
- Actual Result:
  - Pass

⇨ Case 5:Apply for more than one course

- Description:
  - Verify that a user can enroll in more tha one courses.
- Steps:
  - Go to Course section on Dashboard page
  - Find required course
  - Click Apply Button
- Expected Result:
  - User will not be allowed to enroll. Alert message will show up saying “You can enroll in up to 1 course at a time.”
- Actual Result:
  - Pass

⇨ Case 6: Apply Internship + Job

- Description:
  - Verify that a user can apply for internship when already applied for job.
- Steps:
  - Go to Internship section on Dashboard page
  - Find any internship and click apply button
- Expected Result:
  - User will show alert message saying “You cannot apply for an internship while you have an ongoing job”.
- Actual Result:
  - Pass

⇨ Case 7: Update user profile

- Description:
  - Verify that a user can update his profile.
- Steps:
  - Go to Dashboard page and click profile button
  - Click ‘Update Profile’ button below
  - Make necessary changes and click update
- Expected Result:
  - User will show success message saying “Profile updated successfully!” and redirected to profile page.
- Actual Result:

Pass

Admin Side

⇨ Case 8: Admin login

- Description:
  - Verify that admin can login to his account.
- Steps:
  - Goto http://localhost/Hero_Intern/admin/admin_login.php
  - Enter appropriate admin login credentials
  - Click login button
- Expected Result:
  - Admin will be redirected to admin Dashboard.
- Actual Result:
  - Pass

⇨ Case 9:Add/Update Course, Internship, Job

- Description:
  - Verify that admin can add or update course/internship/job.
- Steps:
  - Go to admin dashboard
  - To add/update click on respective button
  - Fill/update form details and click add/update button
- Expected Result:
  - On submission, success message will be shown on the top, click on ‘Back to dashboard’ button.
- Actual Result:
  - Pass

Black Box & White Box Testing

⇨ Unit Testing:

- This is the first level of testing called **Unit Testing.**
- Initially tests focus on each component individually, ensuring that it functions properly as an independent unit.
- In this, different modules are tested individually.
- Unit testing is the process of checking small pieces of code to ensure that the individual parts of a program work properly on their own.
- One purpose of testing is to find as many as errors in the software.
- Unit testing makes heavy use of **White Box** testing techniques.
- So, its main goal is to test the internal logic of the module.

⇨ Integration Testing:

- This is next level of testing called Integration Testing.
- In this, many unit tested individual modules are combined into sub systems, which are then tested.
- Integration testing is conducted to evaluate the compliance of a system or component with specified functional requirements.
- The main goal is to determine that each independent module is correctly implemented.

⇨ System Testing:

- System testing is a level of testing that validates the complete and fully integrated software product.
- The purpose of a system testing is to evaluate the end-to-end system specification.
- System testing is a **Black Box** testing that is based on overall requirements specification.
- The software is actually tested on many different hardware set-ups, processors, operating systems.

⇨ Acceptance Testing:

- Acceptance testing is the system testing performed by the customer to determine whether he should accept the delivery of the system.
- When system is running successfully without any error and is acceptable by the user, then it is called acceptance testing.

8. Conclusion

By this we conclude our project and we learned a lot of new things about problems in current systems. We gained experience of developing a website from scratch, which is most valuable for us.

This experience will inspire us doing more projects in future and keep working hard to build a projects profile. This was not just a project, but it also it was very similar like doing an internship where you are only given a problem definition and then you need to find solution and implementing it all yourself.

We are very thankful for all the efforts made by our group, college faculties, and project guide, these efforts have been very effective and are clearly seen in the output.

9. Future Enhancements

The website is very scalable and can be integrated with cutting technologies to make this website more functional, faster and modular.

Below are some future considerations that seem to be available in near future:

- Collaboration
  - We can collaborate with various other firms and organizations to post their job requirement on our website.
  - Companies can post their job requirements on our website.
- Certification
  - We can provide certificates, awards or credit points after successfully completing courses and internships.
- Grading
  - We can conduct final assessment for courses and give grades based on that to inspire students.
- Convenience
  - We can add facility to apply for job when internship is going to end before joining date of job.
- Integration of AI/ML
  - Integration with AI analytics tools to search for job in markets and post on our website, which can also provide back links to official website.
  - AI driven chatbots that can suggest course, internships and job and solve doubts for users.
- Security
  - Most important aspect in today's world is **Security,** we can add Multi-Factor Authentication for secure access.
  - Applying end-to-end encryption algorithms for data in rest and data in transit to mitigate data theft and secure user's privacy.

- Payment Gateways
  - We can add online payment systems so that users can pay fees digitally.
  - They can also get their stipends or salary directly into their bank accounts.