DOCUMENTATION

Certificate Of Completion:

GROUP MEMBERS :

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Hammas Ali -- (STD1367624)

FACULTY: Sir Shahzain
PROJECT: Online Post Management System

Start Date:
12-December-2023

End Date:
11-January-2023

Problem Definition:

In this project, the addressed issue revolves around facilitating individuals to effortlessly send their couriers from one location to another. Additionally, an added convenience in this system is the incorporation of online payment through Stripe.

Courier Form

Customer Specification:

The application should independently calculate the charges, considering the service type, destination location, and the weight of the deliverable. During the payment order process, the user pays using Stripe. If the user desires a discount on the charges, they can also obtain a discount package and Customers are provided with the option to check the details of the items they have sent by using the given delivery number.

Services & Check Delivery Details

Tracking Number:	f176da4c-efa2-466c-9e5b-b73f682c0696
Date of Posting:	2024-01-09 21:51:40
Weight:	69.00
Service Charges:	50
Basic Charges:	50
Destination Address:	b404-Karachi
Sender Address:	A794-Karachi
Contact Number:	+923311288350
Package Type:	null
Branch ID:	NN2 Aptech
Status :	Completed
Total Price:	100 $

Services
Availabe Packages

Basic

30%

Service Charges off
Price : 150$

The package will remain active for 10 days, and during this period, a discount equivalent to a certain percentage of the current charges for the package will be applied as part of the service.

Premium

50%

Service Charges off
Price : 190$

The package will remain active for 10 days, and during this period, a discount equivalent to a certain percentage of the current charges for the package will be applied as part of the service.

Standard

40%

Service Charges off
Price : 170$

The package will remain active for 10 days, and during this period, a discount equivalent to a certain percentage of the current charges for the package will be applied as part of the service.

Project Plans:

The project plan aims to deliver exceptional service to users by ensuring swift responses to their posted queries. This involves a commitment to timely and thorough replies, enhancing user satisfaction. The focus is on providing a seamless experience, addressing user concerns promptly and effectively. The project's success will be measured by the level of user satisfaction achieved through efficient responses to their postings. Continuous improvement and user engagement are key elements in the execution of this plan.
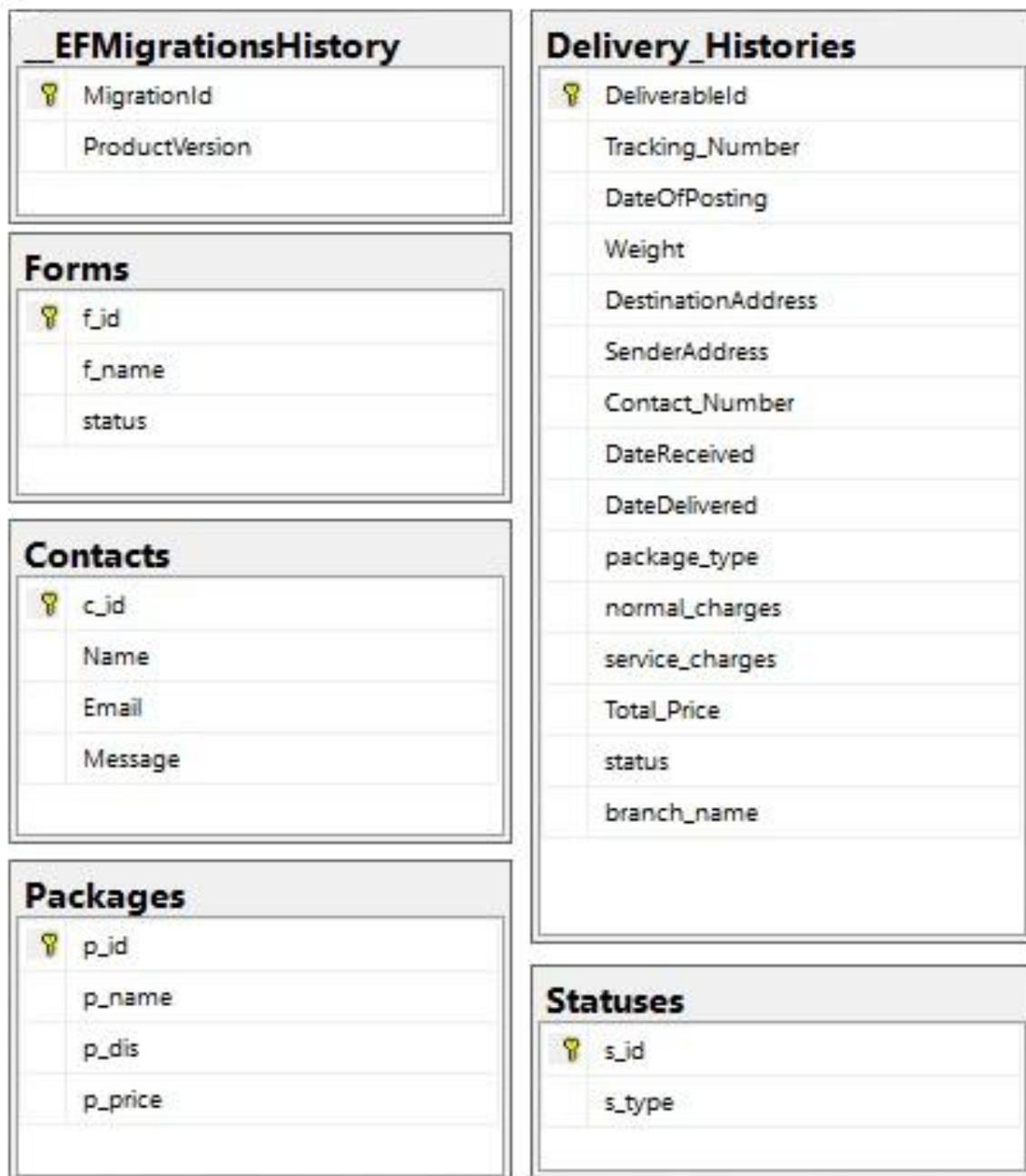
E-R DIAGRAMS

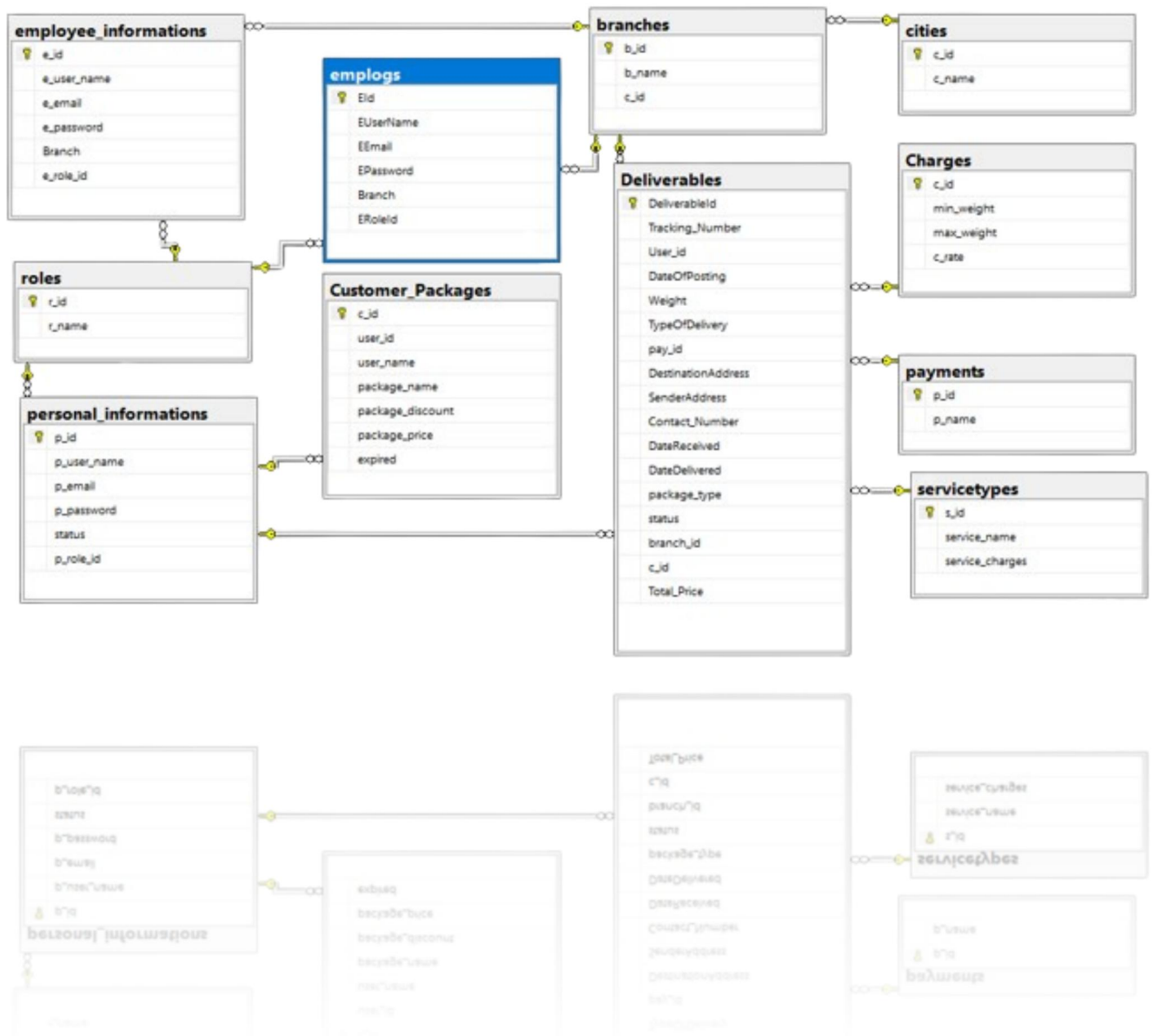**Two type of E-R diagram us in Project**
1) Without Relation
2) With Relation

Without Relation:

__EFMigrationsHistory

🔑	MigrationId
	ProductVersion

Forms

🔑	f_id
	f_name
	status

Contacts

🔑	c_id
	Name
	Email
	Message

Packages

🔑	p_id
	p_name
	p_dis
	p_price

Delivery_Histories

🔑	DeliverableId
	Tracking_Number
	DateOfPosting
	Weight
	DestinationAddress
	SenderAddress
	Contact_Number
	DateReceived
	DateDelivered
	package_type
	normal_charges
	service_charges
	Total_Price
	status
	branch_name

Statuses

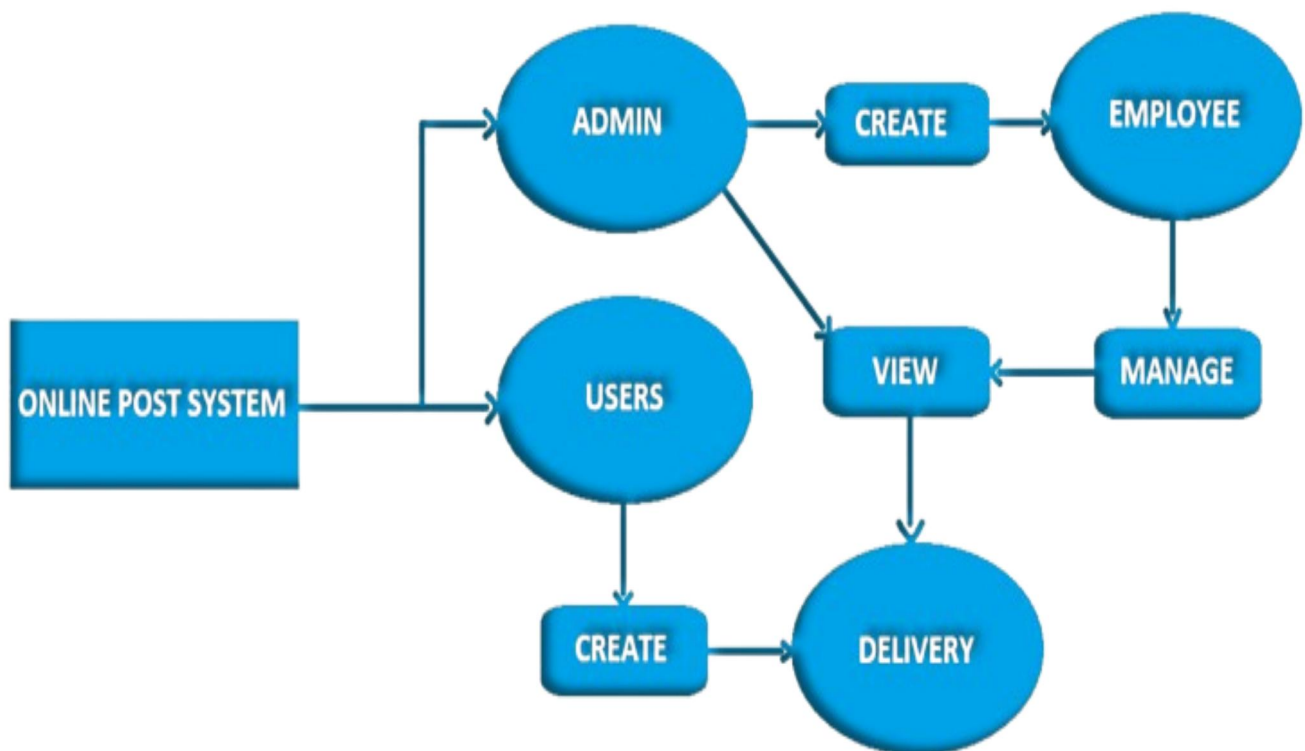|	
🔑	s_id
	s_type

With Relation:

The database has been created with relationships, enhancing the program's speed and overall performance.
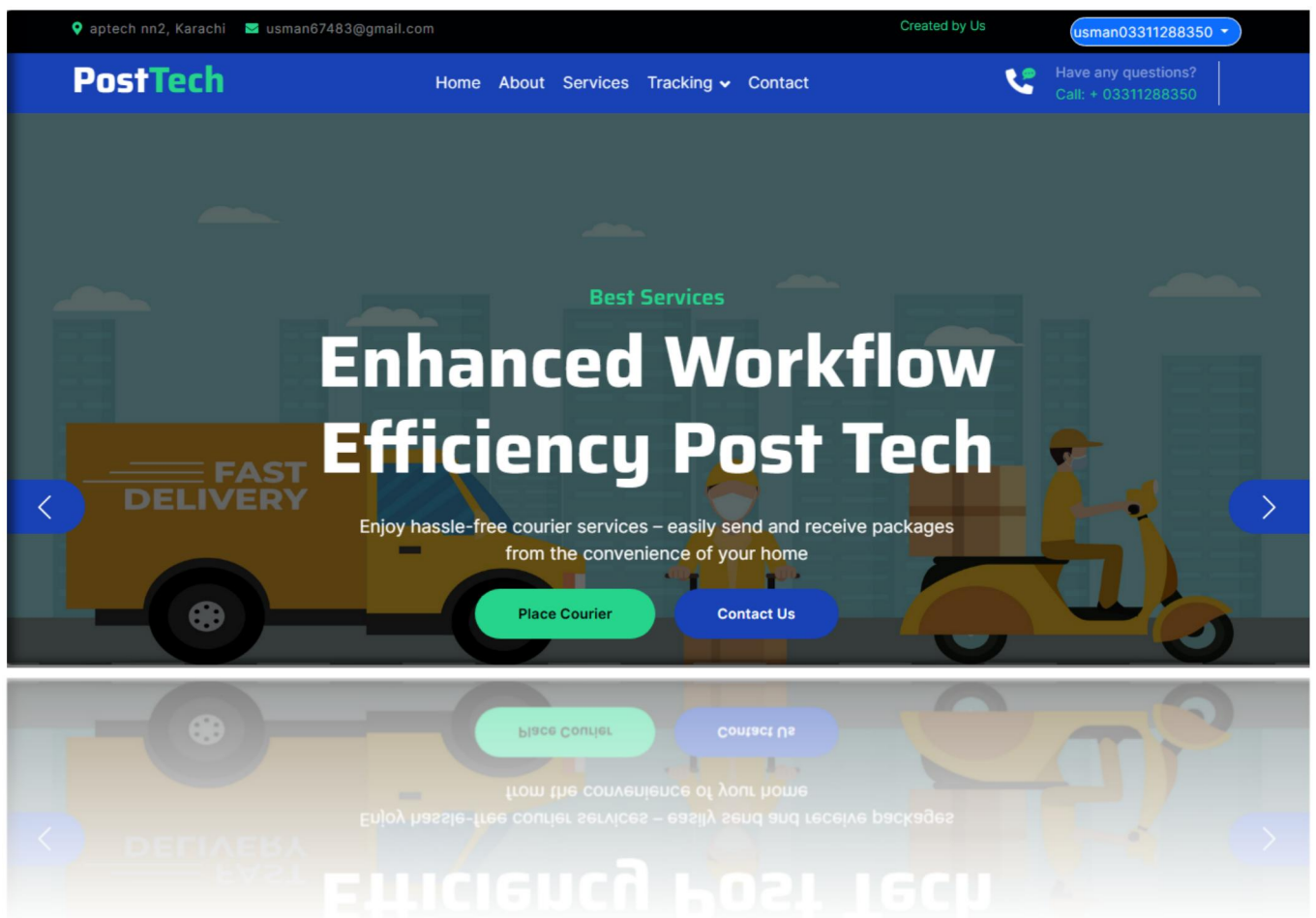
Algorithm:

The project is outlined with an algorithm and flowchart, providing a concise description of its structure and processes.
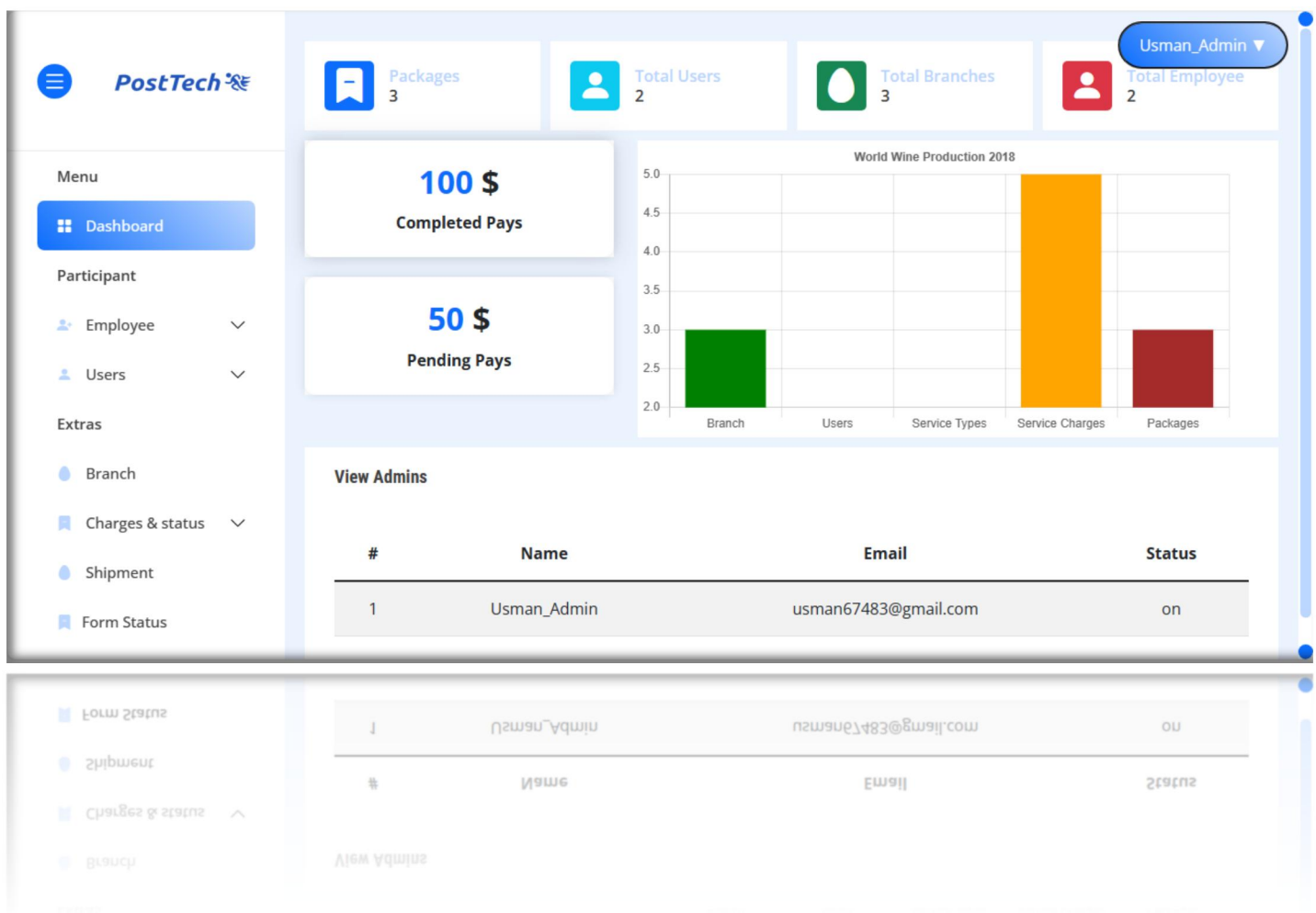
GUI Document & Interface Design

User & Guest Theme:

In the user and guest templates, the primary-blue Navbar has a white background, while there are instances of black and light green in various sections. Additionally, the templates include pages for about, contact, and services. The user template also features an extra page dedicated to searching for delivery details.

Admin & Employee Theme:

In the admin and employee themes, the navigation features a background with a mix of white and wheat colors. The nav-link exhibits a hover effect with a gradient of blue or light blue against the white background. The admin theme includes pages for charges, update, delivery type, and form status, while the employee theme features pages for editing user deliveries.

Task Sheet

Usman Ahmed (std1422606):

Role: Completed the entire backend and frontend work, serving as the lead for the group.

Haider Faraz (std1369966):

Role: Assisted in frontend tasks and contributed to the presentation.

Sana Yousuf (std1342491):

Role: Responsible for generating all required content.

Hammas Ali (std1367624):

Role: Acquired proficiency in various skills throughout the project.

Project Review
&
Monitoring Report

The project review and monitoring report highlight the commendable performance of the project despite encountering challenges such as computer issues and complications with the ASP software. Despite these obstacles, with the help of Allah, the team successfully developed the project "Online Post Tech."

Unit Testing

In-depth testing has been conducted for every unit and component in the project, ensuring their robust functionality. The results indicate that each element performs exceptionally well. Moreover, each component brings a unique feature or functionality to the project, contributing to its overall versatility. This meticulous evaluation has played a crucial role in maintaining the high quality of the project.

Final Testing

Every component, feature, and requirement of the project has been meticulously addressed, ensuring their completion and satisfaction. Rigorous testing and verification procedures were implemented before the project's delivery to guarantee its quality and alignment with specified criteria. This thorough evaluation has fortified the project's overall reliability and performance. We are confident that the project is poised to meet or exceed expectations upon delivery.

Documentation End