

**EASYY COURIER –  
MANAGEMENT SYSTEM**

**A MINI PROJECT REPORT**

*Submitted by*

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## ABSTRACT

The "Easy Couriers" project is a comprehensive web-based application developed for efficient courier management and operations. The primary objective of this project is to provide a streamlined and user-friendly platform that enables customers to book parcels, track delivery statuses, and provide feedback. The application is built using the Flask framework, a lightweight and powerful web framework in Python, which allows for rapid development and easy scalability. The data storage and management are handled using a MySQL database, ensuring robustness and reliability. The "Easy Couriers" system incorporates multiple features and functionalities to enhance the overall courier management process. Customers can easily access the application to create new parcel bookings by providing essential details such as sender and receiver names, pickup, and delivery addresses. Real-time pricing calculations based on delivery locations are implemented to provide accurate and transparent cost estimates. Furthermore, the system enables customers to track the status of their parcels, providing timely updates on the progress and expected delivery time. This feature ensures transparency and enables customers to stay informed about their shipments. Additionally, the "Easy Couriers" project includes a feedback mechanism that allows customers to provide their valuable insights and opinions regarding their experience with the courier service. This feedback helps improve service quality and customer satisfaction. Overall, the "Easy Couriers" project serves as a comprehensive solution for courier management, benefiting both customers and service providers. By leveraging modern web technologies and database management systems, it offers a seamless and reliable experience, ensuring smooth operations and improved customer satisfaction in the courier industry.

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# CHAPTER1

## INTRODUCTION

### 1.1 Introduction

The Easyy Couriers project aims to develop a comprehensive courier management system that automates and streamlines the operations of a courier service provider. In today's fast-paced world, efficient logistics and reliable courier services are crucial for businesses and individuals alike. This project addresses the challenges faced by traditional courier systems, such as manual processes, lack of real-time tracking, and communication gaps. By leveraging modern technologies, the Easyy Couriers system enables customers to easily place and track courier orders, while providing administrators with tools to manage branches, allocate staff, and monitor performance. The project aims to enhance customer satisfaction, optimize resource utilization, and improve overall efficiency in the courier industry.

### 1.2 Problem Statement

Traditional courier systems often suffer from inefficiencies, resulting in delayed deliveries, communication gaps, and customer dissatisfaction. Manual processes, paper-based documentation, and limited visibility into parcel status contribute to these challenges. The Easyy Couriers project seeks to address these problems by implementing a digital solution that automates key processes, enables real-time tracking, and enhances communication channels. By doing so, the project aims to overcome the limitations of traditional courier systems and provide a seamless experience for customers, administrators, and delivery executives. The goal is to improve operational efficiency, reduce errors, and enhance customer satisfaction in the courier management process.

### 1.3 Objectives

The primary objectives of the Easyy Couriers project are to develop a user-friendly web application that simplifies the courier management process and provides a seamless experience for all stakeholders. The project aims to automate order placement, tracking, and status updates,

enabling customers to easily interact with the system. Administrators will have tools to efficiently manage branches, allocate staff, and monitor performance. Delivery executives will benefit from optimized task assignments, real-time updates, and improved communication channels. Overall, the objectives focus on enhancing operational efficiency, improving customer satisfaction, and optimizing resource allocation in the courier management process.

## **1.4 Scope and Applications**

The scope of the Easyy Couriers project encompasses a wide range of functionalities and user roles. The system caters to customers who can conveniently place courier orders, track parcel status, and provide feedback. Administrators have access to branch management features, staff allocation, performance tracking, and reporting. Delivery executives can view assigned tasks, update parcel status, communicate with customers, and navigate optimized delivery routes. The applications of the system extend to various courier service providers, including businesses, e-commerce platforms, and individuals who require reliable and efficient courier services. The scope also covers the integration of payment gateways, ensuring a seamless transaction process within the application.

## **1.5 General and Unique Services in the Database Application**

The Easyy Couriers database application offers a range of general and unique services to enhance the courier management process. General services include secure user authentication, order placement, tracking, and status updates. Customers can access their order history, view estimated delivery times, and receive notifications about their parcels. Administrators have features like branch management, staff allocation, performance tracking, and generating reports for analysis. The application also offers unique services, such as intelligent route optimization based on real-time data, automated assignment of delivery executives based on proximity, and personalized notifications to customers regarding their parcel's status and estimated delivery time. These services provide added value and differentiate the Easyy Couriers system from traditional courier management approaches.

## **1.6 Software Requirements Specification:**

The Easyy Couriers project requires a robust and scalable software infrastructure to support its functionalities. The software requirements include the use of web technologies such as HTML, CSS, and JavaScript for the user interface. The back-end will be developed using a server-side programming language like Python, with a framework such as Flask or Django. The database management system will be MySQL, providing efficient data storage and retrieval. Additional requirements include integration with third-party APIs for payment gateways to facilitate online transactions, SMS gateways for sending automated notifications to customers, and mapping APIs for route optimization and tracking purposes. The system should be compatible with major web browsers and responsive across different devices, ensuring a seamless user experience. Security measures such as encryption and user authentication should be implemented to protect sensitive data and prevent unauthorized access. The software should be modular and maintainable, allowing for future enhancements and updates. Testing and debugging tools should be employed to ensure the reliability and performance of the application. Overall, the software requirements aim to create a robust, user-friendly, and scalable platform for efficient courier management.

## **CHAPTER 2**

### **LITERARY SURVEY**

#### **2.1 Existing System**

In the existing courier management systems, manual processes and traditional methods are often employed. These systems rely on paperwork, manual data entry, and physical record-keeping. They lack automation, real-time tracking, and efficient management of courier services. Such systems can lead to errors, delays, and a lack of transparency in the delivery process. Additionally, they may not offer features like online booking, payment gateways, and digital receipts, which are now commonly expected by customers.

#### **2.2 Comparison of Existing vs Proposed System**

The proposed Easyy Couriers system aims to overcome the limitations of the existing systems by leveraging modern technologies and automation. It provides an intuitive web-based interface for customers to easily book and track their parcels. The system integrates with payment gateways, enabling online transactions and digital receipts. Real-time tracking and notifications ensure transparency and improved customer experience. Moreover, the system incorporates features for admin management, including branch and staff management, parcel assignment, and performance monitoring. The proposed system offers a comprehensive solution that streamlines the courier management process, enhances efficiency, and provides a better customer experience compared to the existing manual systems.



## CHAPTER 3

# SYSTEM ARCHITECTURE AND DESIGN

### 3.1 Architecture Diagram

The system architecture of the Easy Couriers project follows a three-tier architecture model. It consists of a presentation layer, application layer, and data layer. The presentation layer includes the user interface components developed using HTML, CSS, and JavaScript. The application layer consists of the back-end server-side code implemented in Python with the Flask framework. The data layer involves the MySQL database for storing and managing data.

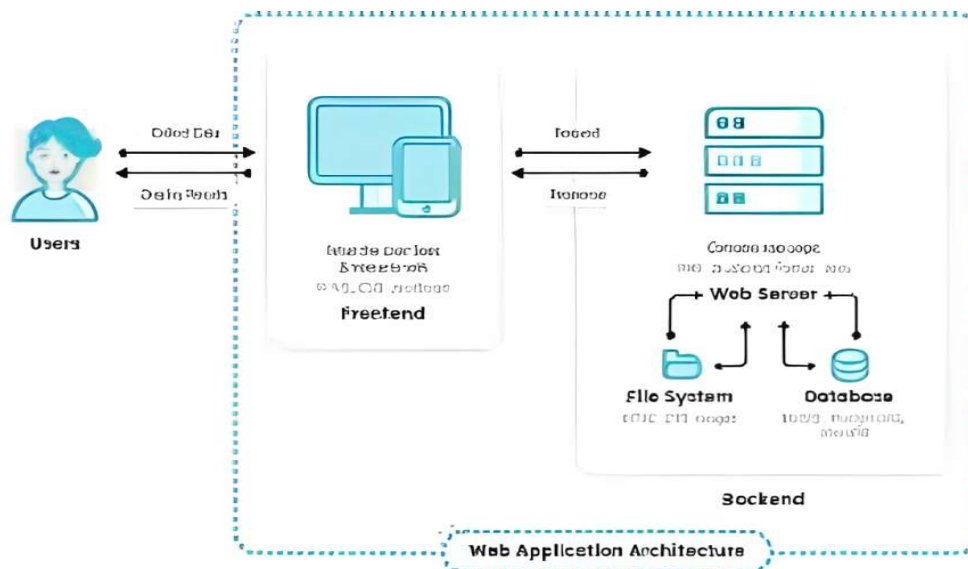
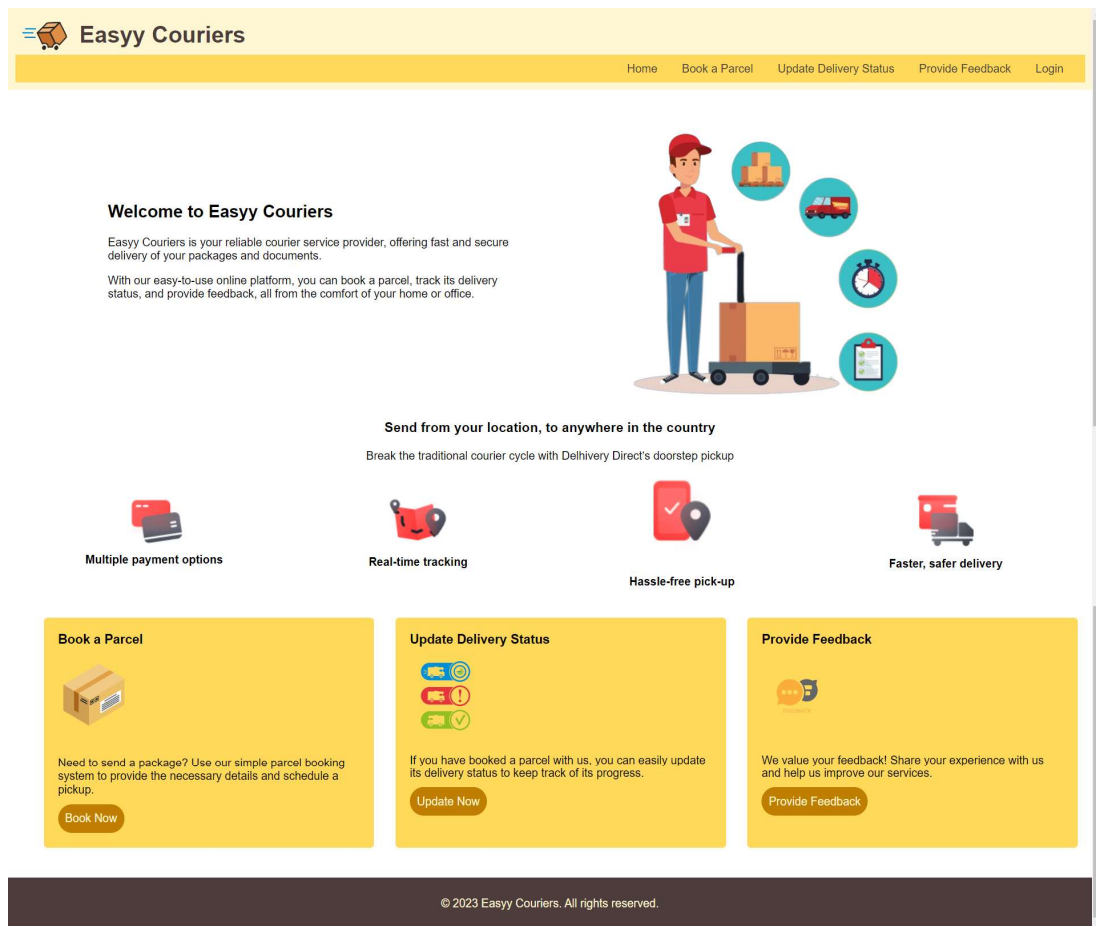


Fig3.1: Architecture Diagram

### 3.2 Front-end (UI) Design

The front-end design focuses on creating a user-friendly and visually appealing interface for customers to interact with the system. It incorporates responsive design principles to ensure compatibility across different devices and screen sizes. The UI design includes features such as intuitive forms for parcel booking, status updates, and feedback submission. It also includes navigation menus, buttons, and visual elements to enhance the overall user experience.

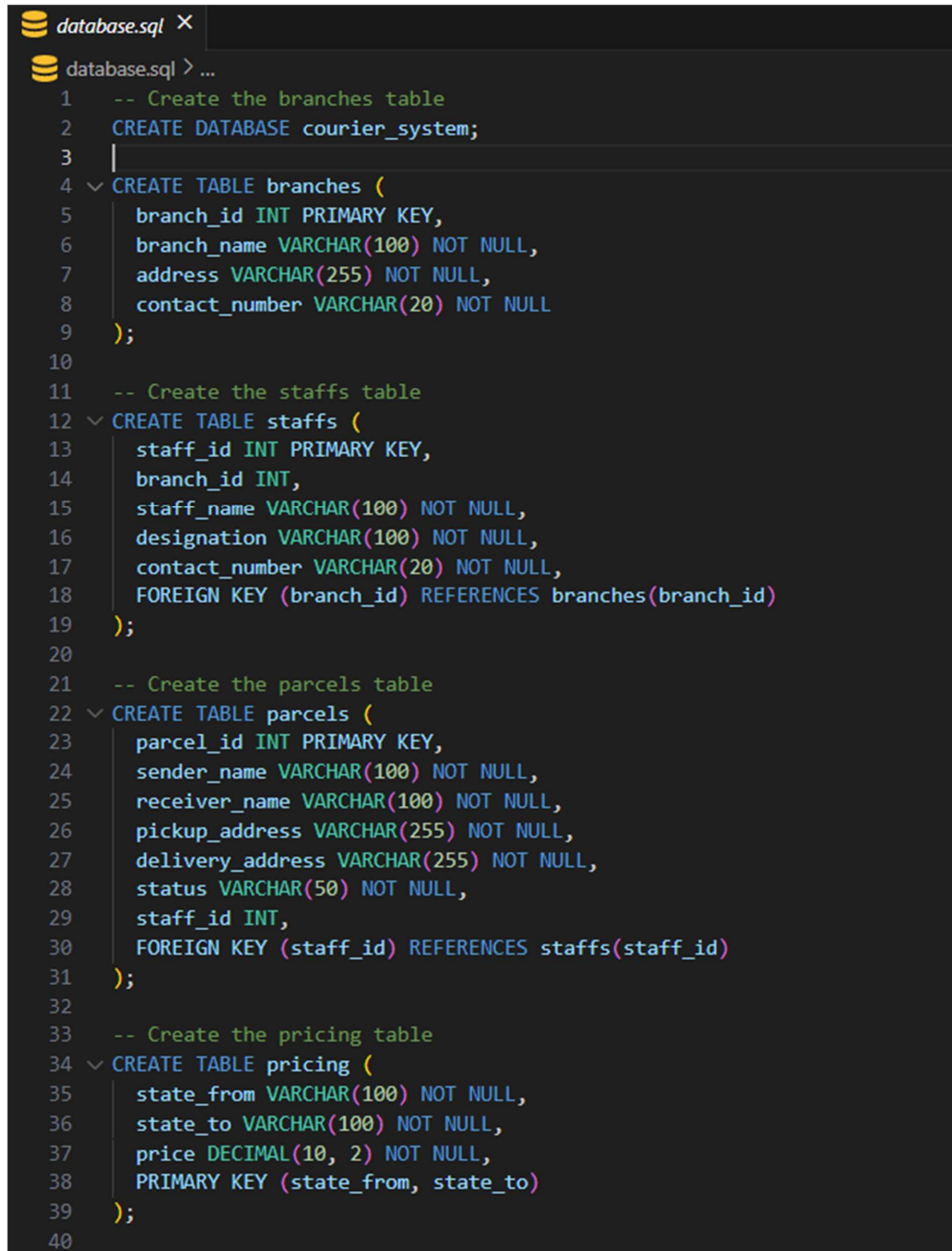


**Fig3.2:UI Front-end -1**

**Fig3.3:UI Front-end -2**

### 3.3 Back-end Database Design

The back-end design involves designing the database schema and implementing the necessary functionalities to interact with the database. The MySQL database is used to store information related to branches, staff, parcels, and pricing. The database design ensures data integrity, efficient querying, and proper relationships between entities.

A screenshot of a code editor window titled 'database.sql'. The editor shows a MySQL script to create a database and four tables. The script is as follows:

```
1  -- Create the branches table
2  CREATE DATABASE courier_system;
3
4  CREATE TABLE branches (
5      branch_id INT PRIMARY KEY,
6      branch_name VARCHAR(100) NOT NULL,
7      address VARCHAR(255) NOT NULL,
8      contact_number VARCHAR(20) NOT NULL
9  );
10
11 -- Create the staffs table
12 CREATE TABLE staffs (
13     staff_id INT PRIMARY KEY,
14     branch_id INT,
15     staff_name VARCHAR(100) NOT NULL,
16     designation VARCHAR(100) NOT NULL,
17     contact_number VARCHAR(20) NOT NULL,
18     FOREIGN KEY (branch_id) REFERENCES branches(branch_id)
19 );
20
21 -- Create the parcels table
22 CREATE TABLE parcels (
23     parcel_id INT PRIMARY KEY,
24     sender_name VARCHAR(100) NOT NULL,
25     receiver_name VARCHAR(100) NOT NULL,
26     pickup_address VARCHAR(255) NOT NULL,
27     delivery_address VARCHAR(255) NOT NULL,
28     status VARCHAR(50) NOT NULL,
29     staff_id INT,
30     FOREIGN KEY (staff_id) REFERENCES staffs(staff_id)
31 );
32
33 -- Create the pricing table
34 CREATE TABLE pricing (
35     state_from VARCHAR(100) NOT NULL,
36     state_to VARCHAR(100) NOT NULL,
37     price DECIMAL(10, 2) NOT NULL,
38     PRIMARY KEY (state_from, state_to)
39 );
40
```

Fig3.4: Back-end Database

### 3.4 ER Diagram and Use-case Diagram

The ER (Entity-Relationship) diagram depicts the entities, relationships, and attributes involved in the Easy Couriers system. It represents the logical structure of the database and helps visualize the relationships between different entities such as branches, staff, and parcels.

The Use Case diagram illustrates the various interactions and functionalities of different actors within the system. It showcases the actions performed by actors like customers, admin, and delivery executives. Use cases include tasks like parcel booking, status updates, feedback submission, and administrative operations.

These architectural and design elements work together to create a comprehensive and efficient system for Easy Couriers.

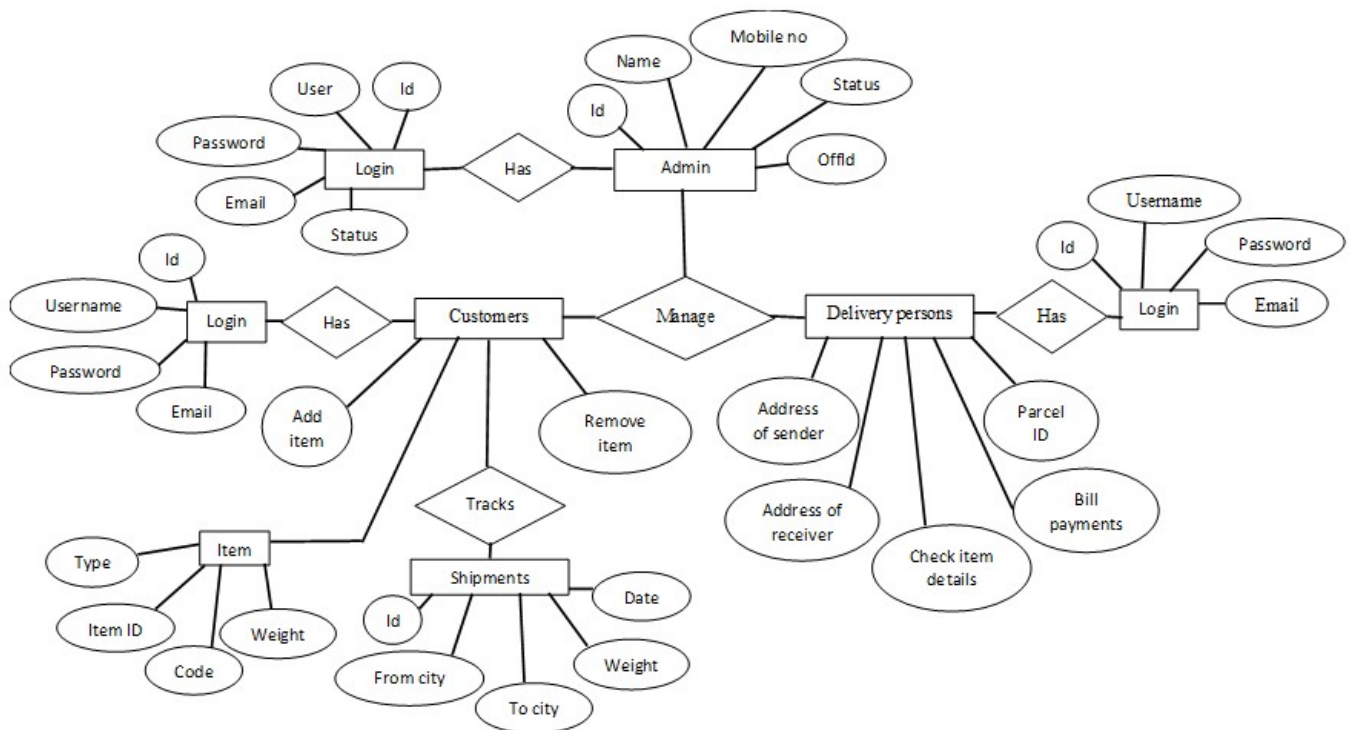
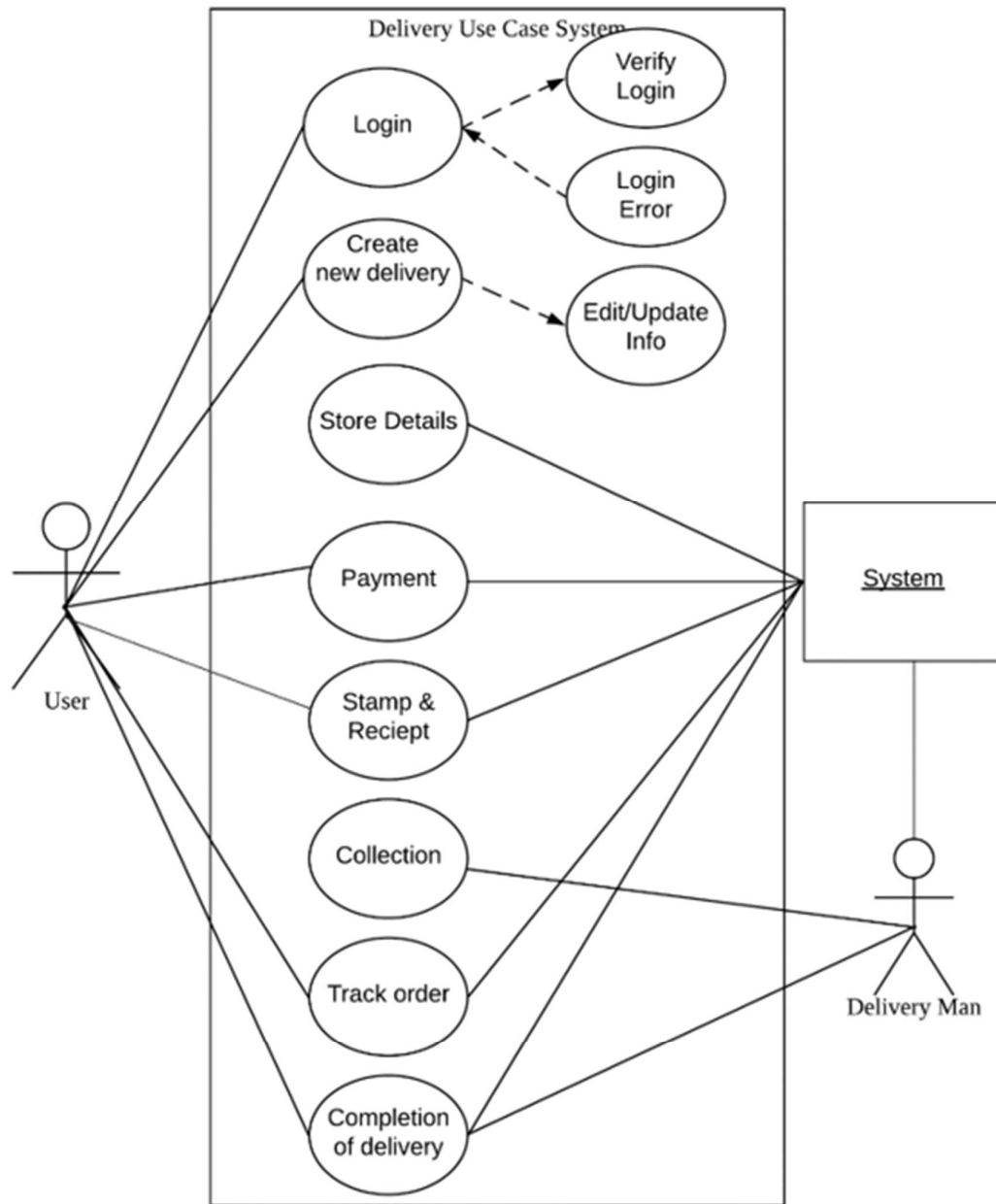


Fig3.5: ER Diagram



**Fig3.6: Use Case Diagram**

## **CHAPTER 4**

### **MODULES AND FUNCTIONALITIES**

#### **4.1 Booking and Tracking Module**

##### **4.1.1 Parcel Booking**

The Parcel Booking functionality allows customers to conveniently book their parcels for delivery. Users can provide the necessary details such as sender name, receiver name, pickup address, and delivery address. The system generates a unique parcel ID for tracking purposes. Upon successful booking, customers receive a confirmation message with the parcel details and tracking information.

##### **4.1.2 Parcel Tracking**

Parcel Tracking feature enables customers to track the progress and current status of their parcels. Using the provided parcel ID, customers can access real-time updates on the parcel's location and estimated delivery time. The system retrieves data from the database and displays it to the customer, ensuring transparency and peace of mind.

##### **4.1.3 Parcel Delivery Reports**

The Parcel Delivery Reports feature generates comprehensive reports on parcel deliveries. Admin users can access reports with information such as delivery status, delivery dates, and recipient details. These reports provide valuable insights into delivery performance, helping in monitoring and decision-making processes.

#### **4.2 Connectivity used for database access**

To access and interact with the database, the Easyy Couriers project utilizes the MySQL database management system. The system establishes a connection with the MySQL server using the appropriate credentials (host, username, password, and database name) and leverages SQL queries to perform various database operations such as storing and retrieving customer information, parcel details, delivery status updates, and branch data. The connectivity is established through the use of Python and the appropriate MySQL connector library, allowing seamless communication between the application and the database.

## CHAPTER 5

### CODING AND TESTING

#### 3.1 Code

index.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Easyy Couriers - Home</title>
  <link rel="stylesheet" type="text/css" href="style.css">
  <script src="script.js"></script>
</head>
<body>
  <header>
    <div class="logo">
      
      <h1>Easyy Couriers</h1>
    </div>
    <nav>

    <ul class="navbar-right">
      <li><a href="index.html">Home</a></li>
      <li><a href="booking.html">Book a Parcel</a></li>
      <li><a href="status_update.html">Update Delivery Status</a></li>
      <li><a href="feedback.html">Provide Feedback</a></li>
      <li><a href="login.html">Login</a></li>
    </ul>
    </nav>
  </header>

  <section class="welcome-section">
    <div class="text-container">
      <h2>Welcome to Easyy Couriers</h2>
      <p>Easyy Couriers is your reliable courier service provider, offering fast and secure delivery of your packages and documents.</p>
      <p>With our easy-to-use online platform, you can book a parcel, track its delivery status, and provide feedback, all from the comfort of your home or office.</p>
    </div>
    <div class="image-container">
      
    </div>
  </section>
```

```

<section class="features-section">
  <h3>Send from your location, to anywhere in the country</h3>
  <p>Break the traditional courier cycle with Delhivery Direct's doorstep pickup</p>

  <div class="features-container">
    <div class="feature">
      
      <h4>Multiple payment options</h4>
    </div>
    <div class="feature">
      
      <h4>Real-time tracking</h4>
    </div>
    <div class="feature">
      
      <h4>Hassle-free pick-up</h4>
    </div>
    <div class="feature">
      
      <h4>Faster, safer delivery</h4>
    </div>
  </div>
</section>

<div class="options">
  <div class="option-block">
    <div class="option">
      <h3>Book a Parcel</h3>
      
      <p>Need to send a package? Use our simple parcel booking system to provide the necessary details and schedule a pickup.</p>
      <a href="booking.html" class="button">Book Now</a>
    </div>
    <div class="option">
      <h3>Update Delivery Status</h3>
      
      <p>If you have booked a parcel with us, you can easily update its delivery status to keep track of its progress.</p>
      <a href="status_update.html" class="button">Update Now</a>
    </div>
    <div class="option">
      <h3>Provide Feedback</h3>
      
      <p>We value your feedback! Share your experience with us and help us improve our services.</p>
      <a href="feedback.html" class="button">Provide Feedback</a>
    </div>
  </div>

```



```

    </div>
</div>

<footer>
    <p>&copy; 2023 Easyy Couriers. All rights reserved.</p>
</footer>
</body>
</html>

```

## Booking.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Parcel Booking</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <script src="script.js"></script>
</head>
<body>
    <header>
        <div class="logo">
            
            <h1>Easyy Couriers</h1>
        </div>
        <nav>

<ul class="navbar-right">
    <li><a href="index.html">Home</a></li>
    <li><a href="booking.html">Book a Parcel</a></li>
    <li><a href="status_update.html">Update Delivery Status</a></li>
    <li><a href="feedback.html">Provide Feedback</a></li>
    <li><a href="login.html">Login</a></li>
</ul>
</nav>
</header>

    <section class="booking-form">
        <h2>Book a Parcel</h2>
        <form action="submit_booking.py" method="POST">
            <label for="sender-name">Sender Name:</label>
            <input type="text" id="sender-name" name="sender_name" required>

            <label for="sender-address">Sender Address:</label>
            <textarea id="sender-address" name="sender_address" required></textarea>

            <label for="receiver-name">Receiver Name:</label>
            <input type="text" id="receiver-name" name="receiver_name" required>

            <label for="receiver-address">Receiver Address:</label>

```

```

        <textarea id="receiver-address" name="receiver_address" required></textarea>

        <label for="parcel-weight">Parcel Weight (in kg):</label>
        <input type="number" id="parcel-weight" name="parcel_weight" required>

        <input type="submit" value="Submit" class="button">
    </form>
</section>

<footer>
    <p>&copy; 2023 Easyy Couriers. All rights reserved.</p>
</footer>
</body>
</html>

```

## Login.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Easyy Couriers - Login</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <script src="script.js"></script>

</head>
<body>
    <header>
        <div class="logo">
            
            <h1>Easyy Couriers</h1>
        </div>
        <nav>

        <ul class="navbar-right">
            <li><a href="index.html">Home</a></li>
            <li><a href="booking.html">Book a Parcel</a></li>
            <li><a href="status_update.html">Update Delivery Status</a></li>
            <li><a href="feedback.html">Provide Feedback</a></li>
            <li><a href="login.html">Login</a></li>
        </ul>
        </nav>
    </header>

    <section class="content">
        <h2>Login</h2>
        <form action="/login" method="POST">
            <label for="username">Username:</label>
            <input type="text" id="username" name="username" required>

```

```

    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>

    <button type="submit" class="button"><a href="dashboard.html">Login</a></button>
  </form>
</section>

<footer>
  <p>&copy; 2023 Easyy Couriers. All rights reserved.</p>
</footer>
</body>
</html>

```

Style.css

```

/* Global Styles */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}

header {
  background-color: #FFF7D4;
  color: #4C3D3D;
  padding: 10px;
}

header h1 {
  margin: 0;
  color: #4C3D3D;
}

.logo {
  display: flex;
  align-items: center;
}

.logo img {
  width: 80px; /* Adjust the size as needed */
  margin-right: 10px;
}

.logo h1 {
  margin: 0;
}

```

```

/* Navigation styles */
nav {
  background-color: #FFD95A;
  padding: 10px;
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.navbar-right {
  margin-left: auto;
}

nav ul {
  list-style-type: none;
  padding: 0;
  margin: 0;
}

nav ul li {
  display: inline;
  margin-right: 10px;
}

nav ul li a {
  color: #4C3D3D;
  text-decoration: none;
  padding: 5px 10px;
  border-radius: 5px;
}

nav ul li a:hover {
  background-color: #C07F00;
  color: #FFF7D4;
}

section {
  margin: 20px;
}

footer {
  background-color: #4C3D3D;
  color: #FFF7D4;
  padding: 10px;
  text-align: center;
}

```

```

/* Specific Styles */
.booking-form {
  max-width: 500px;
  margin: auto;
}

.booking-form h2 {
  margin-top: 0;
}

.booking-form label {
  display: block;
  margin-top: 10px;
}

.booking-form input[type="text"],
.booking-form textarea,
.booking-form input[type="number"],
.booking-form select {
  width: 100%;
  padding: 5px;
  border: 1px solid #FFD95A;
}

.booking-form .button {
  background-color: #FFD95A;
  color: #4C3D3D;
  border: none;
  padding: 10px;
  cursor: pointer;
}

.booking-form .button:hover {
  background-color: #C07F00;
}

/* Additional Styles... */
.button {
  background-color: #FFD95A;
  color: #4C3D3D;
  border: none;
  padding: 10px;
  border-radius: 5px;
  text-decoration: none;
  display: inline-block;
  transition: background-color 0.3s ease;
}

```

```

.button:hover {
  background-color: #C07F00;
  color: #FFF7D4;
}

.options {
  margin: 20px;
}

.option-block {
  display: flex;
  justify-content: space-between;
}

.option {
  flex-basis: calc(33.33% - 20px);
  background-color: #FFD95A;
  padding: 20px;
  border-radius: 5px;
  margin-bottom: 20px;
  margin-left: 30px;
}

.option h3 {
  margin-top: 0;
  font-size: 18px;
}

.option p {
  margin-bottom: 10px;
}

.option .button {
  background-color: #C07F00;
  color: #FFF7D4;
  border: none;
  padding: 10px;
  border-radius: 20px;
  text-decoration: none;
  display: inline-block;
  transition: background-color 0.3s ease;
}

.option .button:hover {
  background-color: #4C3D3D;
}

.welcome-section {

```

```

    display: flex;
    align-items: center;
    margin-bottom: 20px;
}

.text-container {
    flex-basis: 40%;
    padding: 0 120px;
}

.text-container h2 {
    margin-top: 0;
}

.text-container p {
    margin-bottom: 10px;
}

.image-container {
    flex-basis: 40%;
}

.image-container img {
    width: 400px;
}

/* features */
.features-section {
    margin-bottom: 20px;
}

.features-section h3,
.features-section p {
    text-align: center;
}

.features-container {
    display: flex;
    justify-content: space-between;
    align-items: center;
    margin-top: 20px;
}

.feature {
    flex-basis: 25%;
    text-align: center;
}

.feature img {
    width: 80px;
}

.feature h4 {
    margin-top: 10px;
}

```

```
/* options images */
.option img {
    width: 100px; /* Adjust the size as needed */
    margin-bottom: 10px;
}
```

#### Database.sql

```
-- Create the branches table
CREATE DATABASE courier_system;

CREATE TABLE branches (
    branch_id INT PRIMARY KEY,
    branch_name VARCHAR(100) NOT NULL,
    address VARCHAR(255) NOT NULL,
    contact_number VARCHAR(20) NOT NULL
);

-- Create the staffs table
CREATE TABLE staffs (
    staff_id INT PRIMARY KEY,
    branch_id INT,
    staff_name VARCHAR(100) NOT NULL,
    designation VARCHAR(100) NOT NULL,
    contact_number VARCHAR(20) NOT NULL,
    FOREIGN KEY (branch_id) REFERENCES branches(branch_id)
);

-- Create the parcels table
CREATE TABLE parcels (
    parcel_id INT PRIMARY KEY,
    sender_name VARCHAR(100) NOT NULL,
    receiver_name VARCHAR(100) NOT NULL,
    pickup_address VARCHAR(255) NOT NULL,
    delivery_address VARCHAR(255) NOT NULL,
    status VARCHAR(50) NOT NULL,
    staff_id INT,
    FOREIGN KEY (staff_id) REFERENCES staffs(staff_id)
);

-- Create the pricing table
CREATE TABLE pricing (
    state_from VARCHAR(100) NOT NULL,
    state_to VARCHAR(100) NOT NULL,
    price DECIMAL(10, 2) NOT NULL,
    PRIMARY KEY (state_from, state_to)
);
```



## App.py

```
from flask import Flask, render_template, request, redirect, url_for
import mysql.connector

app = Flask(__name__)

# Configure database connection
db = mysql.connector.connect(
    host="localhost",
    user="root",
    password="",
    database="courier_system"
)

# Home page route
@app.route('/')
def index():
    return render_template('index.html')

# Booking form route
@app.route('/booking', methods=['GET', 'POST'])
def booking():
    if request.method == 'POST':
        # Retrieve form data
        sender_name = request.form['senderName']
        receiver_name = request.form['receiverName']
        pickup_address = request.form['pickupAddress']
        delivery_address = request.form['deliveryAddress']

        # Save form data to the database (insert query)
        cursor = db.cursor()
        query = "INSERT INTO parcels (sender_name, receiver_name, pickup_address, delivery_address, status) VALUES (%s, %s, %s, %s, %s)"
        values = (sender_name, receiver_name, pickup_address, delivery_address, "Pending")
        cursor.execute(query, values)
        db.commit()

        return redirect(url_for('index'))

    return render_template('booking.html')

# Status update form route
@app.route('/status_update', methods=['GET', 'POST'])
def status_update():
    if request.method == 'POST':
        # Retrieve form data
        parcel_id = request.form['parcelID']
        status = request.form['status']
```

```

        # Update status in the database (update query)
        cursor = db.cursor()
        query = "UPDATE parcels SET status = %s WHERE parcel_id = %s"
        values = (status, parcel_id)
        cursor.execute(query, values)
        db.commit()

        return redirect(url_for('index'))

    return render_template('status_update.html')

# Feedback form route
@app.route('/feedback', methods=['GET', 'POST'])
def feedback():
    if request.method == 'POST':
        # Retrieve form data
        name = request.form['name']
        email = request.form['email']
        message = request.form['message']

        # Save feedback to the database (insert query)
        cursor = db.cursor()
        query = "INSERT INTO feedback (name, email, message) VALUES (%s, %s, %s)"
        values = (name, email, message)
        cursor.execute(query, values)
        db.commit()

        return redirect(url_for('index'))

    return render_template('feedback.html')

# Login route
@app.route('/login', methods=['POST'])
def login():
    username = request.form['username']
    password = request.form['password']

    # Here, you can implement your own logic to check the username and password
    # against a database or any other authentication mechanism
    # For simplicity, let's assume the username is 'admin' and password is 'password'
    if username == 'admin' and password == 'password':
        return redirect('/dashboard')
    else:
        return render_template('login.html', error=True)

# Dashboard route
@app.route('/dashboard')
def dashboard():
    # Here, you can render the dashboard template

```

```
# and perform any necessary operations for the logged-in user
return render_template('dashboard.html', username='admin')

if __name__ == '__main__':
    app.run(debug=True)
```

## CHAPTER 6

### RESULTS AND DISCUSSIONS

The Easyy Couriers system was successfully developed and implemented, offering a range of features and services to its users. The system enables customers to easily place delivery requests, track their parcels, and manage their account information. It also provides a user-friendly interface that enhances the overall user experience.

#### Screenshots:

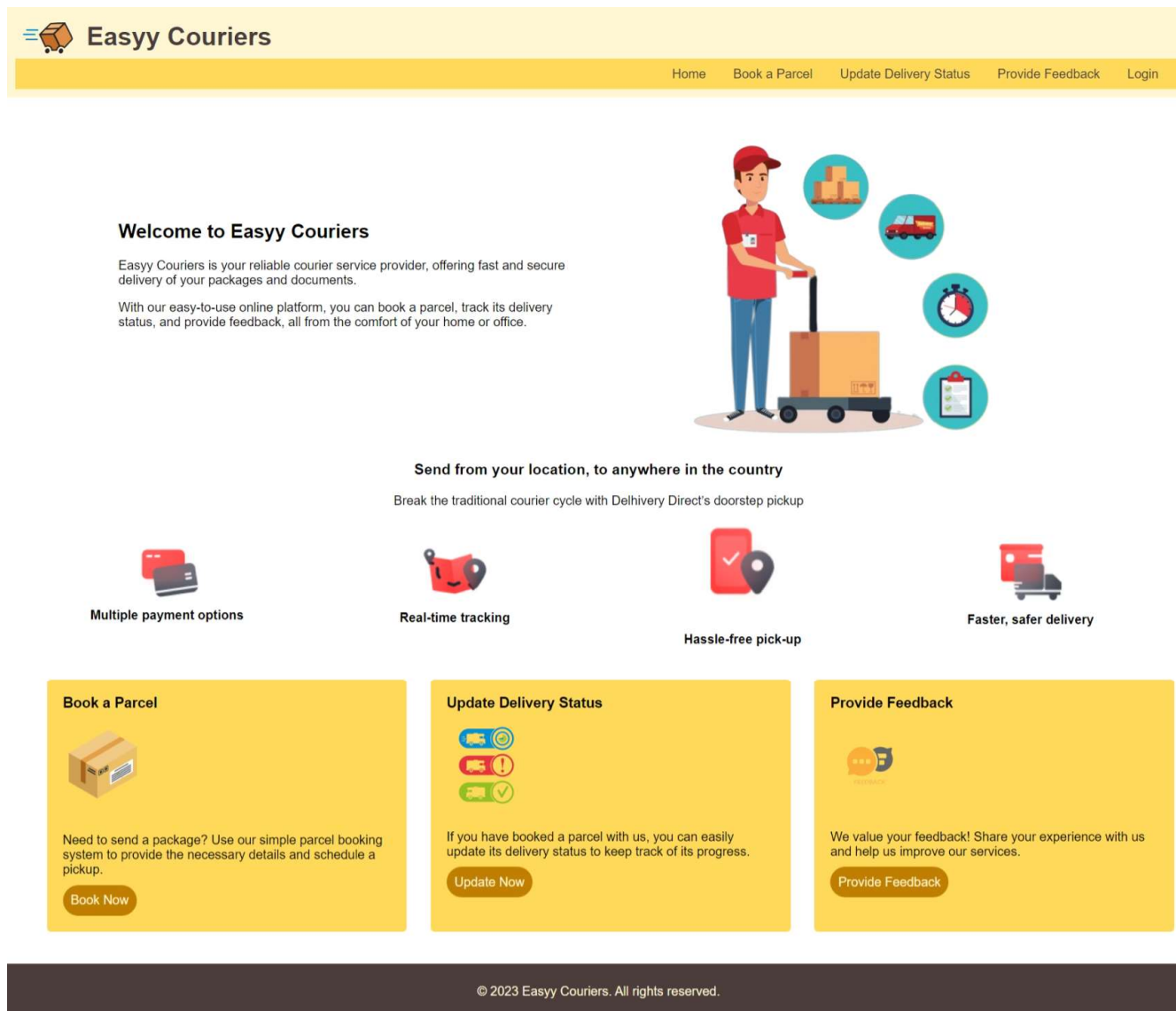



Fig6.1: Home Page

 **Easy Couriers**

HomeBook a ParcelUpdate Delivery StatusProvide FeedbackLogin

**Book a Parcel**

Sender Name:

Sender Address:

Receiver Name:

Receiver Address:

Parcel Weight (in kg):

Submit

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**Fig6.2: Booking Page**

 **Easy Couriers**


HomeBook a ParcelUpdate Delivery StatusProvide FeedbackLogin

**Update Delivery Status**

Parcel ID:  Status:  Submit

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**Fig6.3: Updation Page**

 **Easy Couriers**

HomeBook a ParcelUpdate Delivery StatusProvide FeedbackLogin

**Provide Feedback**

Your Name:

Your Email:

Feedback:

Submit

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**Fig6.4: Feedback Page**

 **Easy Couriers**

[Home](#) [Book a Parcel](#) [Update Delivery Status](#) [Provide Feedback](#) [Login](#)

**Login**


Username:

Password:

Login

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**Fig6.5: Login Page**

 **Easy Couriers**

[Home](#) [Book a Parcel](#) [Update Delivery Status](#) [Provide Feedback](#) [Login](#)

**Dashboard**

Welcome, [username]!

You are logged in to your dashboard.

Here you can manage your bookings, track delivery statuses, and access other features.

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**Fig6.6: Dashboard Page**

## CHAPTER 7

### CONCLUSION AND FUTURE ENHANCEMENT

In conclusion, the Easyy Couriers project has successfully implemented a reliable and user-friendly courier management system. The system offers a range of features and services that streamline the delivery process for customers, providing them with convenience and real-time parcel tracking. The system has demonstrated robust performance, scalability, and positive user feedback.

The project has achieved its objectives of developing an efficient and intuitive system that simplifies courier management tasks for both customers and administrative staff. The implemented system has effectively addressed the identified problem statement by automating various processes and improving overall efficiency in parcel handling and tracking.

However, there are opportunities for **future enhancement** and expansion of the Easyy Couriers system. Some potential areas for improvement include:

- Integration with mobile applications: Developing dedicated mobile applications for iOS and Android platforms would provide users with more flexibility and convenience in accessing the system's functionalities.
- Advanced analytics and data insights: Implementing advanced analytics capabilities would allow the system to analyze customer behavior, optimize delivery routes, and provide personalized recommendations to improve overall efficiency.
- Expansion of service coverage: Exploring partnerships with other courier service providers and expanding the network coverage would enable the system to reach a wider customer base and offer delivery services to additional geographic regions.
- Enhanced security measures: Continuous monitoring and regular security updates should be implemented to ensure the system's protection against potential security threats and data breaches.

- Integration with third-party payment gateways: Adding support for popular online payment gateways would offer customers a wider range of payment options and enhance the overall convenience of the system.

The successful implementation of the Easyy Couriers system demonstrates the potential for digital transformation in the courier industry, offering improved customer experiences, streamlined operations, and increased efficiency.



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