

## **APPENDIX A**

### **( SOURCE CODE )**

#### **SQL QUERY**

```
CREATE DATABASE IF NOT EXISTS movie_booking;
```

```
USE movie_booking;
```

```
CREATE TABLE IF NOT EXISTS admin (
```

```
    id INT AUTO_INCREMENT PRIMARY KEY,
```

```
    username VARCHAR(50) NOT NULL,
```

```
    password VARCHAR(50) NOT NULL
```

```
);
```

```
INSERT INTO admin (username, password)
```

```
SELECT 'admin', 'admin123'
```

```
FROM DUAL
```

```
WHERE NOT EXISTS (
```

```
    SELECT 1 FROM admin WHERE username = 'admin'
```

```
);
```

```
CREATE TABLE IF NOT EXISTS movies (
```

```
    id INT AUTO_INCREMENT PRIMARY KEY,
```

```
    title VARCHAR(100) NOT NULL,
```

```
    show_time VARCHAR(50) NOT NULL,
```

```
    price DECIMAL(10,2) NOT NULL,
```

```
    image_url VARCHAR(255),  
    description TEXT,  
    total_seats INT DEFAULT 100,  
    trailer_url VARCHAR(255)  
);  
  
CREATE TABLE IF NOT EXISTS bookings (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    customer_name VARCHAR(100) NOT NULL,  
    email VARCHAR(100) NOT NULL,  
    seat_no VARCHAR(20) NOT NULL,  
    movie_id INT NOT NULL,  
    show_time VARCHAR(50) NOT NULL,  
    price DECIMAL(10,2) NOT NULL,  
    payment_status VARCHAR(20) DEFAULT 'Pending',  
    FOREIGN KEY (movie_id)  
        REFERENCES movies(id)  
        ON DELETE CASCADE  
);  
  
CREATE TABLE IF NOT EXISTS reviews (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    movie_id INT NOT NULL,  
    email VARCHAR(120),
```

```
rating INT,  
comment TEXT,  
created_at DATETIME DEFAULT CURRENT_TIMESTAMP,  
FOREIGN KEY (movie_id) REFERENCES movies(id) ON DELETE CASCADE  
);  
  
INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)  
SELECT 'Nanban', '12:00 PM', 200.00, NULL,  
'Three friends reunite and rediscover life's true meaning through friendship, dreams,  
and compassion.',  
'https://www.youtube.com/embed/aIYNflpgHkI?si=bJMsZDg9-Q5H6jlr'  
FROM DUAL  
  
WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = 'Nanban');  
  
INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)  
SELECT 'Dude', '2:30 PM', 220.00, NULL,  
'Friendship, comedy, drama.',  
'https://www.youtube.com/embed/PnL8C13b9Cc?si=uQ58ssTGGlv9yxoi'  
FROM DUAL  
  
WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = 'Dude');  
  
INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)  
SELECT 'Sillunu oru kadhal', '3:00 PM', 250.00, NULL,  
'Love, sacrifice, heartbreak, destiny.',  
'https://www.youtube.com/embed/182B1Roehus?si=R6ZbgzpKRoPlvMig'
```

FROM DUAL

WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = ‘Sillunu oru kadhal’);

INSERT INTO movies (title, show\_time, price, image\_url, description, trailer\_url)

SELECT ‘VIP’, ‘4:30 PM’, 270.00, NULL,

‘A bold engineer fights challenges in career and family while proving his worth against powerful enemies.’,

‘<https://www.youtube.com/embed/fZOwwAzl9jM?si=R2KOsGlsJ6k4nhTV>’

FROM DUAL

WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = ‘VIP’);

INSERT INTO movies (title, show\_time, price, image\_url, description, trailer\_url)

SELECT ‘Gilli’, ‘5:00 PM’, 300.00, NULL,

‘A fearless kabaddi player rescues a girl from a deadly gangster and fights to protect her.’,

‘[https://www.youtube.com/embed/EtJXEmW\\_XNM?si=1Lp42eO24hIFCTbY](https://www.youtube.com/embed/EtJXEmW_XNM?si=1Lp42eO24hIFCTbY)’

FROM DUAL

WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = ‘Gilli’);

INSERT INTO movies (title, show\_time, price, image\_url, description, trailer\_url)

SELECT ‘Ethirneechal’, ‘6:30 PM’, 280.00, NULL,

‘An underdog transforms his life through determination and becomes an inspiring athlete.’,

‘<https://www.youtube.com/embed/JhaTrO-Anpg?si=YG1fGhl9L9OXRJz2>’

FROM DUAL

```
WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = 'Ethirneechal');

INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)

SELECT 'Remo', '7:00 PM', 260.00, NULL,

'A lovestruck man disguises himself as a nurse to win the heart of the woman he loves.',

'https://www.youtube.com/embed/GEB4qrrWlgs?si=PlY-q9Pqej4Gaz4f'

FROM DUAL
```

```
WHERE NOT EXISTS (SELECT 1 FROM movies WHERE title = 'Remo');

INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)

INSERT INTO movies (title, show_time, price, image_url, description, trailer_url)
```

## **PYTHON FLASK**

```
import os

from flask import Flask, render_template, request, redirect, url_for, flash, session,
send_from_directory

import pymysql

from werkzeug.utils import secure_filename

UPLOAD_FOLDER = 'static/images'

ALLOWED_EXTENSIONS = {'png', 'jpg', 'jpeg', 'gif'}

app = Flask(__name__)

app.secret_key = "moviesecret"

app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER

os.makedirs(app.config['UPLOAD_FOLDER'], exist_ok=True)

conn = pymysql.connect(
```

```
host="localhost",
user="root",
password="Teja@1234!",
database="movie_booking",
cursorclass=pymysql.cursors.DictCursor,
autocommit=False

)
cursor = conn.cursor()

def allowed_file(filename):
    return '.' in filename and filename.rsplit('.', 1)[1].lower() in
ALLOWED_EXTENSIONS

def _ids_placeholders(ids):
    return ",".join(["%s"] * len(ids)) if ids else ""

def youtube_embed(url):
    if 'watch?v=' in url:
        return url.replace('watch?v=', 'embed/')
    return url

def get_movie_ratings(movie_id):
    cursor.execute("""
        SELECT AVG(rating) AS avg_rating, COUNT(*) AS cnt
        FROM reviews
        WHERE movie_id=%s
    """ % movie_id)
```

```
"""", (movie_id,))

row = cursor.fetchone()

if not row:

    return 0.0, 0

avg = float(row['avg_rating']) if row['avg_rating'] is not None else 0.0

cnt = int(row['cnt']) if row['cnt'] is not None else 0

return avg, cnt

@app.route('/')

def index():

    return render_template('index.html')

@app.route('/movies')

def movies():

    cursor.execute("SELECT * FROM movies ORDER BY id DESC")

    movies = cursor.fetchall()

    for m in movies:

        avg, cnt = get_movie_ratings(m['id'])

        m['avg_rating'] = float(round(avg, 1)) if cnt > 0 else 0.0

        m['rating_count'] = int(cnt)

    return render_template('movies.html', movies=movies)

@app.route('/book/<int:movie_id>', methods=['GET', 'POST'])

def book_movie(movie_id):

    except:
```

```
conn.rollback()

flash("Failed to submit feedback.")

return redirect(url_for('review'))

@app.route('/comments/<int:movie_id>')

def comments(movie_id):

    # Fetch movie details

    cursor.execute("SELECT id, title, image_url, show_time, price FROM movies
WHERE id=%s", (movie_id,))

    movie = cursor.fetchone()

    if not movie:

        flash("Movie not found.")

        return redirect(url_for('movies'))

    cursor.execute(""""
SELECT email, rating, comment, created_at
FROM reviews
WHERE movie_id=%s
ORDER BY created_at DESC
""", (movie_id,))

    reviews = cursor.fetchall()

    # Get average rating & count

    avg, cnt = get_movie_ratings(movie_id)

    return render_template(
```

```
'comments.html',  
movie=movie,  
reviews=reviews,  
avg_rating=round(avg, 1),  
rating_count=cnt  
)  
  
if __name__ == '__main__':  
    app.run(debug=True)
```

## INDEX.HTML

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
<meta charset="UTF-8">  
  
<title>Movie Ticket Booking System</title>  
  
<link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">  
  
<style>  
/* background + layout kept as before */  
  
body {  
  
    margin: 0;  
  
    padding: 0;  
  
    background: url('{{ url_for("static", filename="images/bg1.jpg") }}') no-repeat center center fixed;
```

```
background-size: cover;  
font-family: Arial, sans-serif;  
}
```

```
.header-bar {  
background: rgba(0,0,0,0.75);  
color: #ffeb00;  
padding: 15px;  
text-align: center;  
font-size: 32px;  
font-weight: bold;  
letter-spacing: 1px;  
box-shadow: 0 3px 8px rgba(0,0,0,0.4);  
}
```

```
.content-box {  
background: rgba(255,255,255,0);  
width: 70%;  
margin: 40px auto;  
padding: 20px;  
text-align: center;  
}
```

```
.room-img {  
width: 80%;
```

```
border-radius: 12px;  
box-shadow: 0 4px 12px rgba(0,0,0,0.5);  
}  
  
.buttons {  
margin-top: 20px;  
}  
  
.buttons a {  
text-decoration: none;  
padding: 12px 25px;  
margin: 10px;  
border-radius: 10px;  
font-size: 18px;  
display: inline-block;  
color: white;  
font-weight: bold;  
}  
  
.blue-btn { background: #007bff; }  
.green-btn { background: #28a745; }  
.orange-btn { background: #ff8800; }  
.gray-btn { background: #444; }  
.buttons a:hover { opacity: 0.9; transform: scale(1.03); }
```

```
.footer { text-align: center; margin-top: 40px; color: white; font-size: 18px; text-shadow: 2px 2px 4px black; padding-bottom: 25px; }

</style>

</head>

<body>

<div class="header-bar"> Movie Ticket Booking System</div>

<div class="content-box">

    

    <div class="buttons">

        <a href="{{ url_for('movies') }}" class="blue-btn">Movie List</a>

        <a href="{{ url_for('payment') }}" class="green-btn">Pay (If booked)</a>

        <a href="{{ url_for('payment') }}" class="orange-btn">Retry Payment</a>

        <a href="{{ url_for('admin') }}" class="gray-btn">Admin</a>

        <!-- NEW -->

        <a href="{{ url_for('review') }}" class="blue-btn">Review & Feedback</a>

    </div>

</div>

<div class="footer">

    <p>📍 Chennai, India | 📞 +91-6384994375</p>

    <p>✉️ support@movietickets.com</p>

</div>
```

```
</body>
```

```
</html>
```

## **TICKET.HTML**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
<title>Movie Ticket</title>
```

```
<style>
```

```
body {
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    font-family: 'Arial', sans-serif
```

```
    background: #101010;
```

```
    display: flex;
```

```
    justify-content: center;
```

```
    align-items: center;
```

```
    height: 100vh;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>

<div class="ticket-container">

    <div class="ticket-header">

         Movie Ticket

    </div>

    <div class="ticket-body">

        <div class="ticket-row">

            <div class="label">Movie</div>

            <div class="value">{{ ticket.title }}</div>

        </div>

        <div class="ticket-row">

            <div class="label">Customer</div>

            <div class="value">{{ ticket.customer_name }}</div>

        </div>

        <div class="ticket-row">0.

            <div class="label">Show Time</div>

            <div class="value">{{ ticket.show_time }}</div>

        </div>

        <div class="ticket-row">

            <div class="label">Seat No</div>

            <div class="value">{{ ticket.seat_no }}</div>

        </div>

    </div>

</div>
```

```

</div>

<div class="ticket-row">

    <div class="label">Price</div>

    <div class="value">₹{{ ticket.price }}</div>

</div>

<div class="line"></div>

<div class="qr-box">

    

</div>a

    Scan this QR at entry gate

</div>

<a class="home-link" href="{{ url_for('movies') }}">Back to Movies</a>

</div>

</div>

</body>

</html>

```

## **ADMIN.HTML**

```

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

```

```
<title>Admin Login</title>

<link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">

<style>

body {

    margin: 0;

    padding: 0;

    height: 100vh;

    background: url('{{ url_for("static", filename="images/bg.jpg") }}') no-repeat
    center center fixed;

    background-size: cover;

    font-family: Arial, sans-serif;

}

.center-box {

    width: 350px;

    background: rgba(0, 0, 0, 0.65);

    padding: 25px;

    border-radius: 12px;

    color: white;

    text-align: center;

    margin: 120px auto;

    box-shadow: 0 0 10px black;

}


```

```
.center-box input {  
    width: 90%;  
    padding: 10px;  
    margin: 8px 0;  
    border-radius: 8px;  
    border: none;  
}  
  
.center-box button {  
    width: 95%;  
    padding: 10px;  
    margin-top: 10px;  
    border-radius: 8px;  
    border: none;  
    background: #28a745;  
    color: white;  
    font-size: 16px;  
    cursor: pointer;  
}  
  
.center-box button:hover {  
    background: #218838;  
}  
  
</style>
```

```
</head>

<body>

<div class="center-box">

<h2>Admin Login</h2>

<form method="POST">

<input type="text" name="username" placeholder="Username" required><br>

<input type="password" name="password" placeholder="Password"
required><br>

<button type="submit">Login</button>

</form>

</div>

</body>

</html>
```