

## **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=R6ZbgzpKR0PlvMig'

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/fZOwwAzI9jM?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=PIY-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,))

    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 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>