Compliance Report

for

Students' Auditorium Management Software (SAMS)

Version 1.0 approved

Prepared by

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Revision History

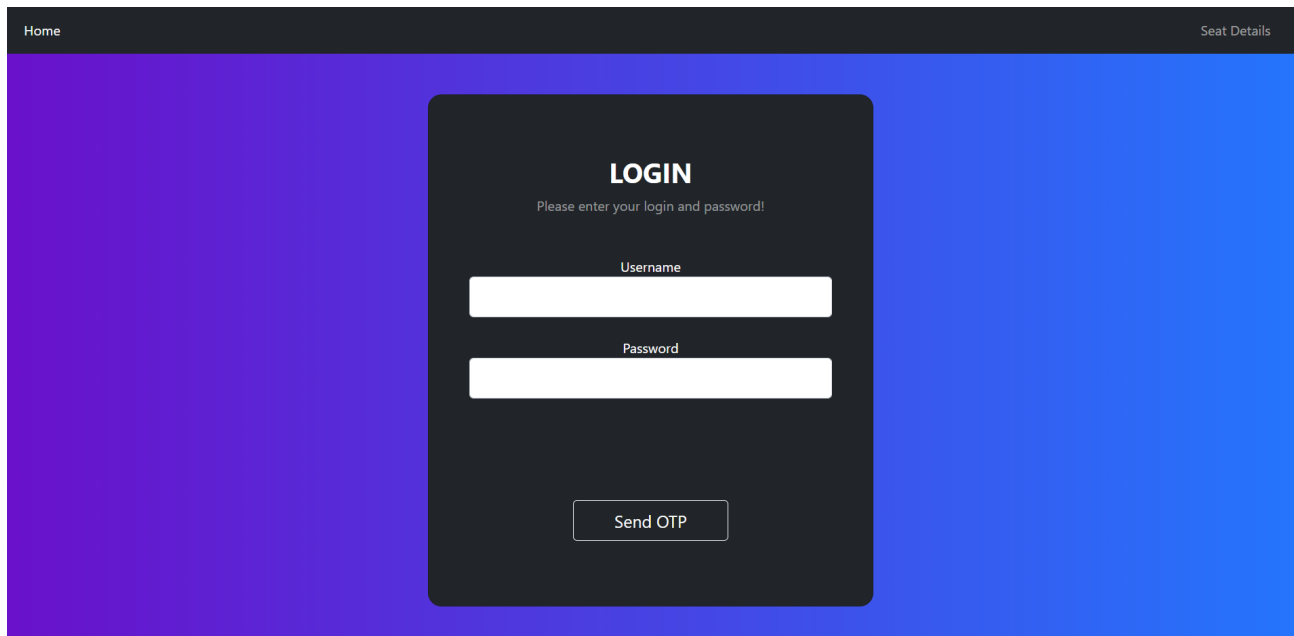| Name	Date	Reason For Changes	Version

1. Introduction

This is the compliance report for Students' Auditorium Management Software. Here we list down the test cases which were mentioned in the Test Cases document and whether or not our software passes the test case.
NOTE: In all Test Cases where the expected output was positive, the obtained output should be PASSED, whereas whenever the expected output is negative, the obtained output should be FAILED.

2. Testing the GUI Front-End interface
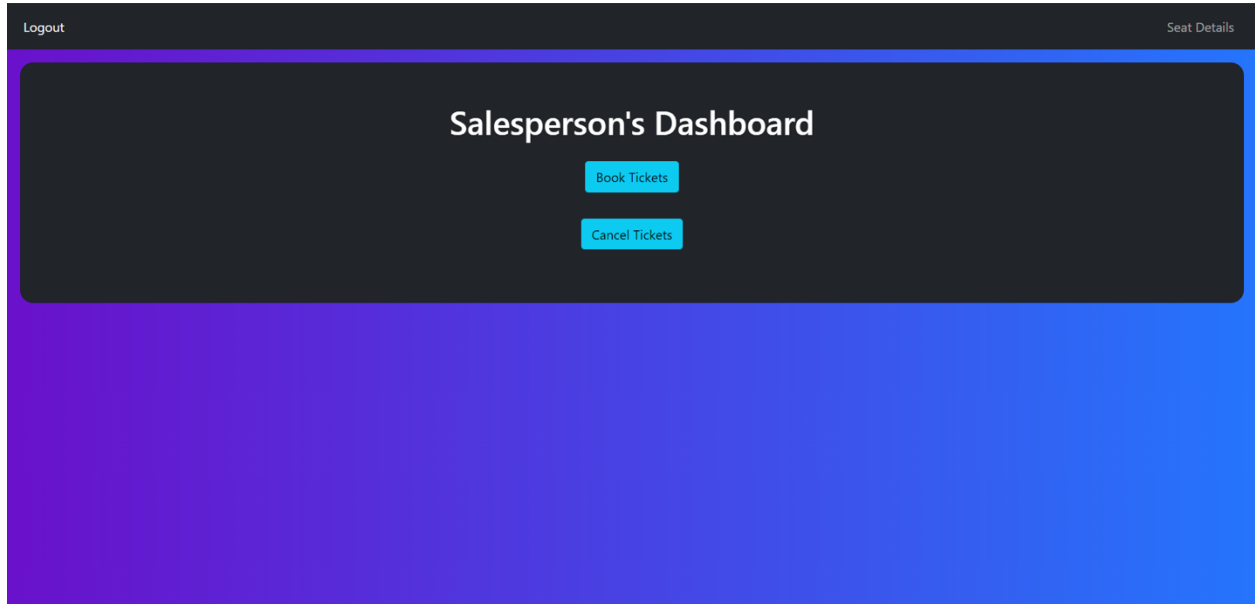
Home Page

PASSED.

Login Page

Manager:
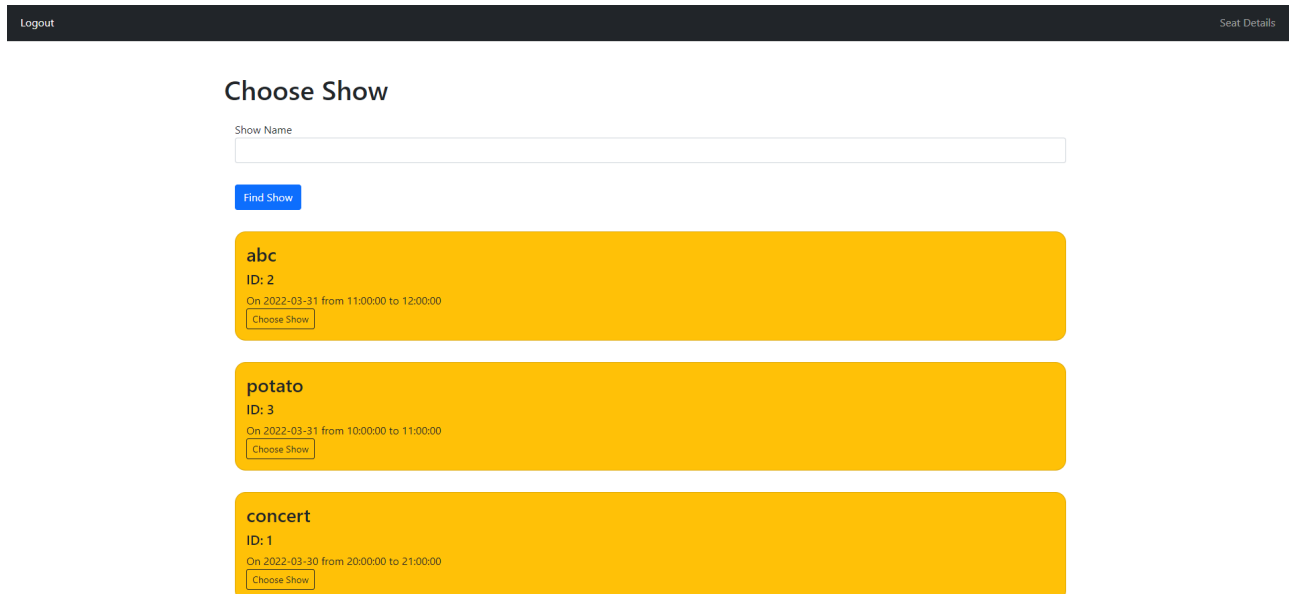
PASSED.

Salesperson:

PASSED.

Accounts Clerk:

PASSED.

Salesperson Menu

PASSED.

Choose Show Menu

PASSED.

Book/Cancel Menu

PASSED.

Audit Clerk Menu

PASSED.

Spectator Menu

Manager Menu

Create Salesperson/Accounts Clerk

PASSED.

Create Shows and Seats

PASSED.

Generate Balance Sheet for Show

Balance Sheet for Show 2

Date	Show ID	Transaction	Amount
2022-03-30 14:59:04.572349 UTC	2	Ticket booked	₹400
2022-03-30 14:59:23.976057 UTC	2	Ticket cancelled	₹0
2022-03-30 15:01:50.610125 UTC	2	Ticket cancelled	₹380
2022-03-30 15:02:09.080288 UTC	2	Ticket booked	₹1000
2022-03-30 15:02:18.783009 UTC	2	Ticket cancelled	₹950
2022-03-30 15:03:13.251099 UTC	2	Ticket booked	₹1000
2022-03-30 15:03:24.021478 UTC	2	Ticket cancelled	₹950
2022-03-30 15:05:20.410545 UTC	2	Ticket booked	₹800
2022-03-30 15:05:41.044361 UTC	2	Ticket cancelled	₹760
2022-03-30 15:08:09.742272 UTC	2	Ticket booked	₹1000
2022-03-30 15:08:19.486876 UTC	2	Ticket cancelled	₹950
2022-03-30 15:12:45.426027 UTC	2	Ticket booked	₹500
2022-03-30 15:13:24.356427 UTC	2	Ticket cancelled	₹475
2022-03-30 15:15:45.332980 UTC	2	Ticket booked	₹200
2022-03-30 15:16:24.268741 UTC	2	Ticket booked	₹300

PASSED.

Generate Balance Sheet for a Year

Annual Balance Sheet

Date	Show ID	Transaction	Amount
2022-03-30 16:59:11.098889 UTC	1	Ticket booked	₹1500
2022-03-30 17:00:12.929855 UTC	1	Ticket cancelled	₹760
2022-03-30 17:00:40.062250 UTC	1	Ticket cancelled	₹190
2022-03-30 17:01:01.903516 UTC	1	Ticket cancelled	₹190
2022-03-30 17:05:18.811005 UTC	1	Ticket booked	₹400
2022-03-30 17:06:42.712528 UTC	1	Ticket cancelled	₹190

PASSED.

Get Transaction Records (Along with Commission Calculation for Salesperson)

Transaction Records

Date	Show ID	Transaction	Amount
2022-03-30 16:59:11.098889 UTC	1	Ticket booked	₹1500
2022-03-30 17:00:12.929855 UTC	1	Ticket cancelled	₹760
2022-03-30 17:00:40.062250 UTC	1	Ticket cancelled	₹190
2022-03-30 17:01:01.903516 UTC	1	Ticket cancelled	₹190
2022-03-30 17:05:18.811005 UTC	1	Ticket booked	₹400
2022-03-30 17:06:42.712528 UTC	1	Ticket cancelled	₹190

The total commission payable to the Salesperson is 95.0

PASSED.

Display the Generated Ticket

SAMS TICKET

SAMS

SHOW 1 : CONCERT

WEDNESDAY, 2022-03-31
10:00:00 TO 11:00:00

BOOKED SEATS

ORDINARY SEATS:

: 1 : : 64 : : 112 :

BALCONY SEATS:

: 10 : : 16 : : 37 :

Return to Dashboard

30 MAR

Amount Payable: ₹1500

PASSED.

3. Testing the Back-End and Database

The home() function:

Input:
　　　None
Output:
　　　Renders the Home Page and checks for form correctness of all fields given as input by the
　　　user.

Working Properly.

The OTP() function:

Input:
ID of Employee
Output:
Generates an OTP and sends it as an email to the email ID stored in the database for the
corresponding Employee.

Working Properly.

The register() function:

Input:
Portfolio of Employee (Salesperson or Accounts Clerk), ID of Employee
Output:
Checks for form correctness of all fields given as input by the Manager.

Working Properly.

The SeatOccupancy() function:

Input:
ID of Employee, ID of Show
Output:
Returns the percentage of seats occupied of both types and renders the Seat Occupancy web-
page.

Working Properly.

The CreateShow() function:

Input:
Name, date, start time, end time, seat details of the show
Output:
　　　Successful creation of show message displays

Working Properly.

The show_book() function:

Input:
User ID, Show ID, Seat number
Output:
Returns the temporary booking done by the salesperson and renders the Booking web-
page.

Working Properly.

The show_cancel() function:

Input:
User ID, Show ID, Seat number
Output:
Returns the temporary cancellation done by the salesperson and renders the Cancellation
web-page.

Working Properly.

The book() function:

Input:
Salesperson ID, Show ID
Output:
Updates database with the booked seats, calculates the amount to be paid and renders
Ticket generation web-page.

Working Properly.

The cancel() function:

Input:
Salesperson ID, Show ID
Output:
Updates database with the cancelled seats, calculates the amount to be refunded and
renders Ticket generation web-page.

Working Properly.