

# **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

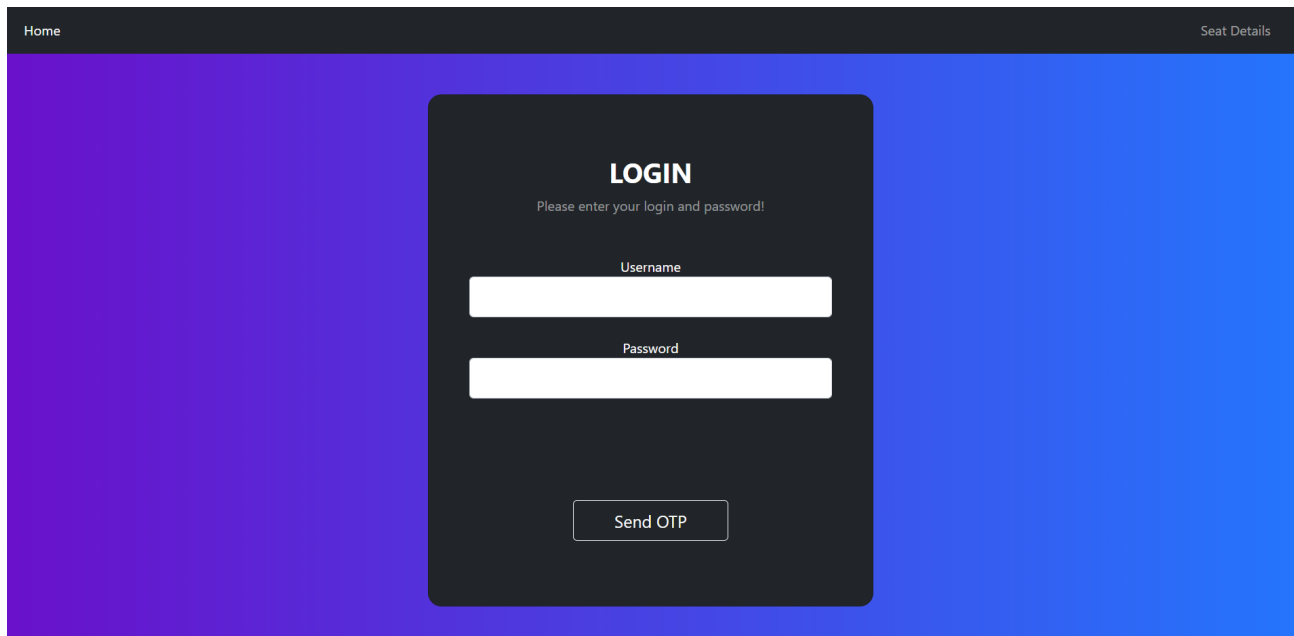
# 1. Introduction

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.

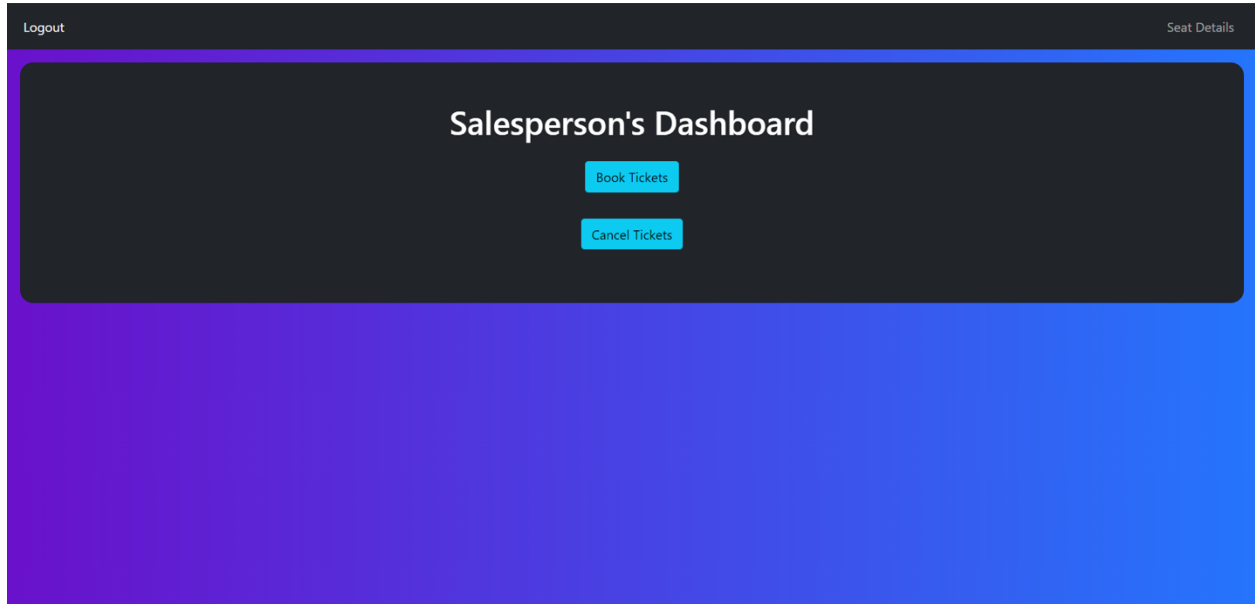
Salesperson:

PASSED.

Accounts Clerk:

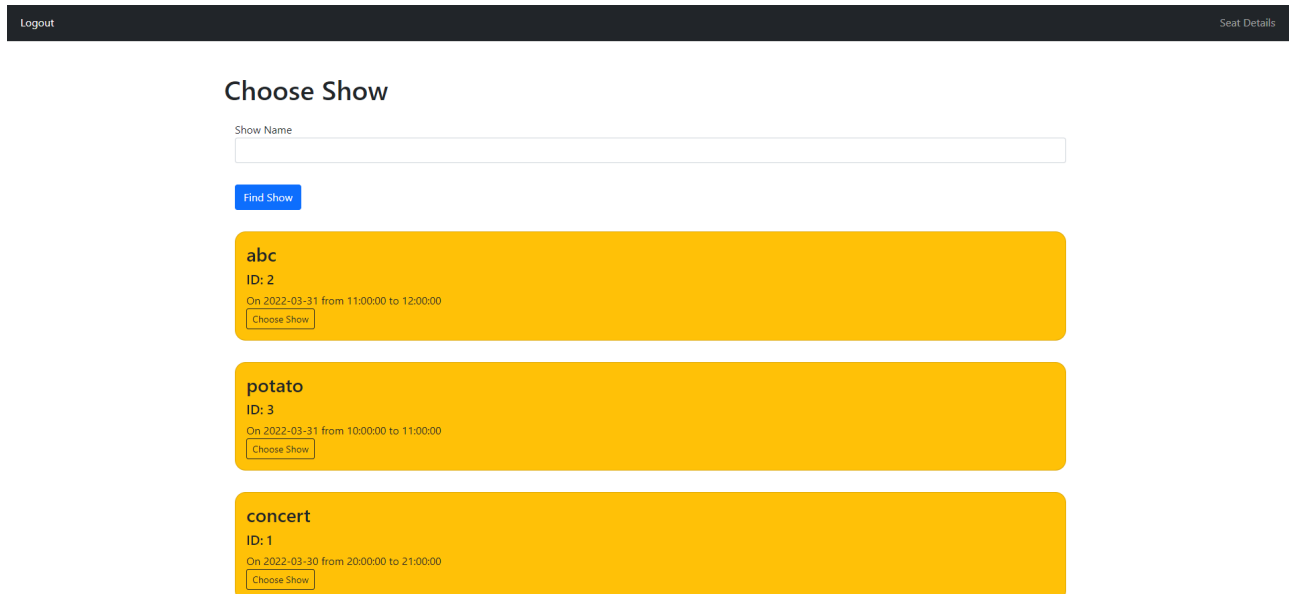
PASSED.

## Salesperson Menu



PASSED.

## Choose Show Menu



PASSED.

Book/Cancel Menu

Logout

Seat Details

Seat Occupancy Details for Show with Show ID 3

Ordinary Seat Details (Price is ₹200)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	
77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		

Balcony Seat Details (Price is ₹300)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		

Book

Dashboard

Logout

Seat Details

Seat Occupancy Details for Show with Show ID 3

Ordinary Seat Details (Price is ₹200)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	
77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		

Balcony Seat Details (Price is ₹300)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		

Cancel

Dashboard

PASSED.

Audit Clerk Menu

[Logout](#)[Seat Details](#)

Expenses Details

Expenses Amount

Add Expenses

Dashboard

[Logout](#)[Seat Details](#)

Accounts Clerk's Dashboard

Enter Expenses

PASSED.


Spectator Menu



## Manager Menu

Logout Seat Details

### Manager's Dashboard



Manager  
aim@aim.com  
UID: 1

[Create Salesperson](#)

[Create Accounts Clerk](#)

[Create Shows & Seats](#)

[Get Seat Filling Report](#)

[Get Show Balance Sheet](#)

[Get Annual Balance Sheet](#)

[Get Transaction Records](#)

### New Screening

Add details of each individual screening of a show.

Show Name

concert

Date

31-03-2022

Start Time

10:00 AM

End Time

11:00 PM

Number of Ordinary Seats

150

Number of Balcony Seats

50

Price of Ordinary Seats

₹ 200

Price of Balcony Seats

₹ 300

Add Show

## Create Salesperson/Accounts Clerk

### Registration Form

User Name

Email

Password

Confirm Password

Register

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**

**30**  
MAR

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](#)

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.**