

# Testing Report

## Hotel Management System Smart Taj

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## Black Box Testing

We have used Equivalence Class Partitioning and Boundary Value Analysis to test our website. Test cases highlighted in the red color are the cases which have failed in our system.

### 1. User Login Feature:

Users can successfully login with the correct Username and password.

#### Possible Values:

Username: correct,incorrect and empty

Password: correct,incorrect and empty

#### Test cases and outcomes

<u>Username</u>	<u>Password</u>	<u>Expected output</u>	<u>Actual Output</u>
correct	correct	Login successful	Login successful
correct	incorrect	Login failed	Login failed
correct	empty	Login failed	All fields are required (Login Failed)
incorrect	correct	Login failed	User does not exist(Login failed)
incorrect	incorrect	Login failed	User does not exist(Login failed)
incorrect	empty	Login failed	All fields are required (Login Failed)

empty	correct	Login failed	All fields are required (Login Failed)
empty	incorrect	Login failed	All fields are required (Login Failed)
empty	empty	Login failed	All fields are required (Login Failed)

Test Cases Taken from each class:

Username: [201901015@daiict.ac.in](mailto:201901015@daiict.ac.in) (correct)

Password: 123456789 (correct)

Expected Outcome: (Login successful) Actual  
Outcome: (Login successful)

Username: [201901015@daiict.ac.in](mailto:201901015@daiict.ac.in) (correct)

Password: 1234567 (incorrect) Expected

Outcome: (Login failed)

Actual Outcome: Username or Password Incorrect

Username: [201901015@daiict.ac.in](mailto:201901015@daiict.ac.in) (correct)

Password: (empty)

Expected Outcome: (Login failed) Actual  
Outcome: All fields required

Username: [20108015@daiict.ac.in](mailto:20108015@daiict.ac.in) (incorrect)

Password: 123456789 (correct)

Expected Outcome: (Login failed) Actual  
Outcome: User does not exist

Username: [201801015@daiict.ac.in](mailto:201801015@daiict.ac.in) (incorrect)

Password: 12345678 (incorrect)

Expected Outcome: (Login failed)

Actual Outcome: User does not exist

Username: [201801015@daiict.ac.in](mailto:201801015@daiict.ac.in) (incorrect)

Password: (empty)

Expected Outcome: (Login Failed)

Actual Outcome: All fields are required (Login Failed)

Username: (Empty)

Password: 123456789 (correct) Expected Outcome:

Login Failed

Actual Outcome: All fields are required (Login Failed)

Username: (Empty)

Password: 789123(Incorrect) Expected

Outcome: Login Failed

Actual Outcome: All fields are required (Login Failed)

Username: (Empty)

Password: (Empty)

Expected Outcome: Login Failed

Actual Outcome: All fields are required(Login Failed)

## **2. User Register Feature:**

To successfully sign-up, User has to provide the information asked in the registration form and press the submit button.

### ***Possible values:***

Name : non-empty(any number of ascii characters), empty

Email : valid (email should contain at least one ascii character before '@' and after it as well) , invalid, already registered email, empty.

Password : valid(ascii characters length greater than 5), invalid(ascii characters length less than or equal to 5) and empty

<u>Name</u>	<u>Email</u>	<u>Password</u>	<u>Expected Outcome</u>	<u>Actual Outcome</u>
empty	anything	anything	Register fails	Register fails
non-empty	empty	anything	Register fails	Register fails
non-empty	anything	empty	Register fails	Register fails
non-empty	valid	valid	Register success	Register Success
non-empty	valid	invalid	Register fails	Register fails
non-empty	invalid	valid	Register fails	Register fails
non-empty	invalid	invalid	Register fails	Register fails
non-empty	already registered	valid	Register fails	Register fails
non-empty	already registered	invalid	Register fails	Register fails

### 3. Book Now

User can book the rooms using the book now feature of the website. In this page the room details are shown that which rooms are booked or which room are available for the booking. If the room is already booked then the link for the book now is disable automatically. User is not approved for the existing booked room booking. If the room is not booked by anyone then by simply clicking on the book now button the user can book the room.

### 4. Contact Us

User can give feedback/query giving the data name, email and feedback description.

#### Possible values:

Name, email, and feedback/query description

<u>Name</u>	<u>Email</u>	<u>Feedback description</u>	<u>Expected Outcome</u>	<u>Actual Outcome</u>
empty	anything	anything	Feedback fails	Feedback fails
non-empty	empty	anything	Feedback fails	Feedback fails
non-empty	anything	empty	Feedback fails	Feedback fails
non-empty	valid	valid	Feedback success	Feedback Success
non-empty	valid	empty	Feedback fails	Feedback fails
non-empty	invalid	valid	Feedback fails	Feedback fails
non-empty	invalid	invalid	Feedback fails	Feedback fails

### GUI Testing:

The application interface and user experience play a significant role in our application's success hence this GUI testing was done to pay close attention to each detail in terms of the visual dynamics and end-user satisfaction. This also allowed us to check color synchronisation with our chosen theme palette given below:

Page Name	Property	Result
Home Page	Web Page Responsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable: YES
	Text Input Fields	Not Applicable
	Display of Error Messages	Not Applicable
	Navigation and Button Elements	Functional: YES
	Display of Confirmation Prompts	Not Applicable
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES

Page Name	Property	Result
<b>Login Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable: YES
	Text Input Fields	Functional: YES
	Display of Error Messages	Functional: YES
	Navigation and Button Elements	Functional: YES
	Display of Confirmation Prompts	Prompts: YES
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES

Page Name	Property	Result
<b>Register Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable: YES
	Text Input Fields	Functional: YES
	Display of Error Messages	Functional: YES
	Navigation and Button Elements	Functional: YES
	Display of Confirmation Prompts	Prompts: YES
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES

Page Name	Property	Result
<b>Contact Us Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable: YES
	Text Input Fields	Functional : YES
	Display of Error Messages	Functional : YES
	Navigation and Button Elements	Not Applicable
	Display of Confirmation Prompts	Prompts : YES
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES

Page Name	Property	Result
<b>Book Now Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable : YES
	Text Input Fields	Not Applicable
	Display of Error Messages	Functional : YES
	Navigation and Button Elements	Functional : YES
	Display of Confirmation Prompts	Prompts : YES
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES



Page Name	Property	Result
<b>Order Food Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable : YES
	Text Input Fields	Not Applicable
	Display of Error Messages	Functional : YES
	Navigation and Button Elements	Functional : YES
	Display of Confirmation Prompts	Prompts : YES
	Applied Filter Functionality	Functional : YES
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES

Page Name	Property	Result
<b>Payment Page</b>	Web PageResponsiveness	Best viewed on 16:9 displays
	Scaling of Visual Elements	Scales Properly: YES
	Visibility of Text Elements	Properly Readable : YES
	Text Input Fields	Functional : YES
	Display of Error Messages	Functional : YES
	Navigation and Button Elements	Functional : YES
	Display of Confirmation Prompts	Functional : YES
	Applied Filter Functionality	Not Applicable
	Correctness of Section/Subsection Display	Verified: YES
	Prototype Design Ideology	Followed: YES