FONTYS UNIVERSITY OF APPLIED SCIENCES |

TEST PLAN

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# Test Plan

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| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test Data | Expected Result |
| TC-01 | UC-01 | Users logs in system | Users must have their own account | Enter username and password  Login Test Data Example:  Username: Himal1,  Password: password | Successfully logged into system |
| TC-01. A | UC-01 | User login with invalid credential | Users must have their own account | Login Test Data Example:  Username: Andreas,  Password: pass | Invalid username or password |
| TC-02 | UC-02 | Update Hotel information | User must be hotel owner | Click on the data need to be update from the DataGrid and all fields from the database for the corresponding Hotel ID will be automatically appear for edit to their respective textboxes.  Update Test Fields Example:  Contact Number: 0686116079,  Email: [aryal@gmail.com](mailto:aryal@gmail.com),  Description: Star Hotel,  Total room: 300,  Address Line: North Brabant,  Street: Beukenlaan,  City: Eindhoven,  Zip: 5616VC,  Country: Netherlands | System will update information in the database and display the message "Successfully updated" |
| TC-02. A | UC-02 | Updating with false information |  | Update Test Fields Example:  Contact Number: 123,  Email: hello,  Description: Star Hotel,  Total room: 300,  Address Line: North Brabant,  Street: Beukenlaan,  City: ,  Zip: 5616V,  Country: Netherlands | System will display the message "All fields must be filled”, in valid email address, phone number should have 10 digits. |
| TC-03 | UC-03 | Generate Reports | User must have owner privileges | User input date range from 2023/01/01 to 2023/01/30  and  Press Generate report | Report will be visible with data if available. |
| TC-03. A | UC-03 | Generate Reports | User must have owner privileges | User input date range from 2022/01/01 to 2022/01/30  Press Generate report | Report not found |
| TC-04 | UC-04 | Add Employee | User must have Manager privileges | Fill all data correctly to the field.  Example Employee Test Details:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number:0686116079,  City: Eindhoven,  Postal Code: 5616vc,  Street: Beukenlaan,  Country: Netherlands, Designation: manager/staff/intern,  Joining Date: 2023/08/02 | System will display the message "Employee added successfully" |
| TC-04. A | UC-04 | Add Employee with false information | User must have Manager privileges | Example Employee Test Details:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com),  Phone Number: 1234,  City,  Postal Code: 5616v,  Street: Beukenlaan,  Country: Netherlands, Designation:  Joining Date: 2023/08/02 | System will display the message "All fields must be filled" or invalid phone number, you must select designation for employee |
| TC-05 | UC-05 | Update Employee | User must have Manager privileges | Click on the data need to be update from the DataGrid and all fields from the database for the corresponding employee ID will be automatically appear for edit to their respective textboxes.  Example Employee Test Details:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number: 0686116079,  City: Eindhoven,  Postal Code: 2616vc,  Street: Gestelstraaat,  Country: Netherlands, Designation: manager/staff/intern, Joining Date: 2023/08/02 | System will display the message "Employee updated successfully" |
| TC-05. A | UC-05 | Update Employee with false info | User must have Manager privileges | Example Employee Test Details:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number:123,  City: Eindhoven,  Postal Code: 5616v,  Street:  Country: Netherlands, Designation: manager/staff/intern, Joining Date: 2023/08/02 | System will display the message "All fields must be filled" or invalid phone number |
| TC-06 | UC-06 | Add Room | User must have Manager privileges | Click on the Add button with all fields filled in correctly.  Add Room Test Data:  Room Number: 101A,  Room Type: Single,  Available: Yes/No | System will display the message "Room added successfully" |
| TC-06. A | UC-06 | Add Room with incomplete info | User must have Manager privileges | Add Room Test Data:  Room Number:  Room Type:  Available: Yes/No | System will display the message "All fields must be filled”, please input room number, please select a room type |
| TC-07 | UC-07 | Update Room | User must have Employee privileges | Click on the data need to be update from the DataGrid and all fields from the database for the corresponding room ID will be automatically appear for edit.  Update Test Data:  Room Id: 1  Room Number: 101A,  Room Type: Single,  Available: Yes/No | 1. System will display the message "Room updated successfully" |
| TC-07. A | UC-07 | Update Room with false info | User must have Employee privileges | Update Test Data:  Room Id: 1  Room Number:  Room Type: 1,  Available: Yes/No | System will display the message "All fields must be filled" or invalid user input |
| TC-08 | UC-08 | Add Booking | User must have Employee privileges | Click on the Add button with all fields filled in.  Test Field Data Example:  Check in Date: 2023/09/09, Check Out Date: 2023/09/11, Booking Amount: 100 | System will display the message "Booking added successfully" |
| TC-08. A | UC-08 | Add Booking with false info | User must have Employee privileges | Test Field Data Example:  Check in Date: 2023/09/09,  Check Out Date: 2023/09/06, Booking Amount: | System will display the message "checkout must be greater then start date”, please calculate total booking amount first. |
| TC-09 | UC-09 | Update Booking | User must have Employee privileges | Click on the data need to be update from the DataGrid and all fields from the database for the corresponding room ID will be automatically appear for edit.  Update Booking Test Data:  Check In Date: 2023/09/09, Check Out Date: 2023/09/11, Booking Amount: 100 | 1. System will display the message "Booking updated successfully" |
| TC-09. A | UC-09 | Update Booking with false info |  | Update Booking Test Data:  Check In Date:  Check Out Date:  Booking Amount: | System will display the message "All fields must be filled" |
| TC-10 | UC-10 | Register an account | User should not have an account yet | All fields must be filled correctly.  Test Data for Registering Account:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number: 0686116079,  Passport Number: 2787,  City: Eindhoven,  Postal Code: 5616vc,  Street: Beukenlaan,  Country: Netherlands, Username: himal7,  Password: pass | System will display the message "Account created successfully” |
| TC-10. A | UC-10 | Registering an account | User already have account with same email and username | Test Data for Registering Account:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number: 0686116079,  Passport Number: 2787,  City: Eindhoven,  Postal Code: 5616vc,  Street: Beukenlaan,  Country: Netherlands, Username: himal7,  Password: pass | System will display the message "Email already exist" or “Username already exist” |
| TC-11 | UC-11 | Update account information | User must have a registered guest account | Update account test data:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com), Phone Number: 0686116079, Passport Number: 2787,  City: Eindhoven,  Postal Code: 5616vc,  Street: Beukenlaan,  Country: Netherlands | 1. System will display the message "Account info updated successfully" |
| TC-11. A | UC-11 | Update account information with empty fields or false info | User must have a registered guest account | Update account test data:  FirstName: Himal,  Last Name: Aryal,  Email: [aryal@gmail.com](mailto:aryal@gmail.com),  Phone Number: 1234,  Passport Number: 2787,  City: Eindhoven,  Postal Code: 5616vc,  Street: Beukenlaan,  Country: Netherlands | System will display the message "All fields must be filled" or invalid phone number |
| TC-12 | UC-12 | Book room | User must have a guest account to book | User must fill all fields correctly.  Test Booking Field Data Example:  Check in Date: 2023/09/09, Check Out Date: 2023/09/11, Room Type: Single,  Booking Amount: 100 | System will display the message "Room has been successfully booked" |
| TC-12. A | UC-12 | Book room with missing details | User must have a guest account to book | Test Booking Field Data Example:  Check in Date: 2023/09/09, Check Out Date: 2023/09/11, Room Type:  Booking Amount: | System will display the message "All fields must be filled" |
| TC-13 | UC-13 | Check-in | User must have a valid guest booking ID | Enter valid data in the Booking ID  Example Id  Booking Id: 1 | 1. System will successfully check-in |
| TC-13. A | UC-13 | Check-in | User doesn’t have a valid guest booking ID | Enter invalid data in the Booking ID  Example Id  Booking Id: 000 | System will display the message "Invalid Booking ID" |
| TC-14 | UC-14 | Check-out | User must have a valid guest booking ID | Enter invalid data in the Booking ID  Example Id:  Booking Id: 1 | System will display the message " successfully check-out |
| TC-14. A | UC-14 | Check-out | User doesn’t have a valid guest booking ID | Example Id:  Booking Id: 0 | System will display the message " Booking Id does not exist” |