

Test Plan

*‘t Sloepke B.V. - Synthesis Assignment*



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# Introduction

This document provides a description of the test cases for the software solution that is going to be developed for ‘t Sloepke B.V. Company.

The Company ‘t Sloepke B.V. is a company that provides boats rental services in The Netherlands. They have multiple locations near the water throughout The Netherlands.

Some locations are located near the open sea/large lakes and some others are located near small lakes.

They have different services and boats types depending on whether the location is near the open sea/large lakes or small lakes.

They also rent other items like life jackets, waterproof containers, cool boxes etc. besides boats.

Their clients can access their services and place a reservation via a software solution that is going to be developed shortly.

In the next section, there is a table containing the test cases that describe every step for the system usage of the developed software.

# Test Cases

## Desktop App

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test data | Expected result |
| TC A-01 | UC A-01 | Add new boat | - Employee is an admin  - Employee is logged in | Boat details  - Boat Type:  - Capacity/boat:  - Rental cost/2h:  - Deposit/boat:  - Quantity:  - Remark: | Confirmation message of successful addition |
| TC A-02 | UC A-01 | Provide invalid data to add new boat | - Employee is an admin  - Employee is logged in | Boat details  - Boat Type:  - Capacity/boat:  - Rental cost/2h:  - Deposit/boat:  - Quantity:  - Remark: | Guiding message of failure because of invalid data |
| TC A-01 | UC A-02 | Add new item | - Employee is an admin  - Employee is logged in | Item details  - Item name:  - Rental Cost/2h:  - Deposit/item:  - Quantity:  - Remark: | Confirmation message of successful addition |
| TC A-02 | UC A-02 | Provide invalid data to add new item | - Employee is an admin  - Employee is logged in | Item details  - Item name:  - Rental Cost/2h:  - Deposit/item:  - Quantity:  - Remark: | Guiding message of failure because of invalid data |
| TC A-01 | UC A-03 | Update boat | - Employee is an admin  - Employee is logged in | Boat details  - Boat Type:  - Capacity/boat:  - Rental cost/2h:  - Deposit/boat:  - Quantity:  - Remark: | Confirmation message of successful update |
| TC A-02 | UC A-03 | Provide invalid data to update boat | - Employee is an admin  - Employee is logged in | Boat details  - Boat Type:  - Capacity/boat:  - Rental cost/2h:  - Deposit/boat:  - Quantity:  - Remark: | Guiding message of failure because of invalid data |
| TC A-01 | UC A-04 | Update item | - Employee is an admin  - Employee is logged in | Item details  - Item name:  - Rental Cost/2h:  - Deposit/item:  - Quantity:  - Remark: | Confirmation message of successful update |
| TC A-02 | UC A-04 | Provide invalid data to update item | - Employee is an admin  - Employee is logged in | Item details  - Item name:  - Rental Cost/2h:  - Deposit/item:  - Quantity:  - Remark: | Guiding message of failure because of invalid data |
| TC A-01 | UC A-05 | Delete boats | - Employee is an admin  - Employee is logged in | None | New form displayed requesting confirmation |
| TC A-02 | UC A-05 | Confirm boat’s deletion | - Employee is an admin  - Employee is logged in | None | Confirmation message of successful deletion |
| TC A-01 | UC A-06 | Delete items | - Employee is an admin  - Employee is logged in | None | New form displayed requesting confirmation |
| TC A-02 | UC A-06 | Confirm item’s deletion | - Employee is an admin  - Employee is logged in | None | Confirmation message of successful deletion |

## Web App

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test data | Expected result |
| TC B-01 | UC B-01 | Placing a reservation | None | *- Contact details*  *Name*:  *Address*:  *Zip code*:  *City*:  Phone:  *Email:*  - Item details  Description:  Quantity:  Duration:  Location:  Start & end dates: | Confirmation message of successful reservation |
| TC B-02 | UC B-01 | Placing a reservation  With invalid data | None | *- Contact details*  *Name*:  *Address*:  *Zip code*:  *City*:  Phone:  *Email:*  - Item details  Description:  Quantity:  Duration:  Location:  Start & end dates: | Guiding message of failure because of invalid data |
| TC B-01 | UC B-02 | Quote Access | Reservation has been already placed | Reservation ID | Quote details are displayed on the screen |
| TC B-02 | UC B-02 | Provide invalid ID format | Reservation has been already placed | Reservation ID | Guiding message that the provided ID is in invalid format |
| TC B-03 | UC B-02 | Provide an ID of non-existing quote | Reservation has been already placed | Reservation ID | Message displayed stating that no quote exists with the provided ID |
| TC B-01 | UC B-03 | Quote update | - Quote should exists  - Rental date is in more than 7 days | *-* Reservation *ID*  *- Contact details*  *Name*:  *Address*:  *Zip code*:  *City*:  Phone:  *Email:*  - Item details  Description:  Quantity:  Duration:  Location:  Start & end dates: | Confirmation message of successful reservation update |
| TC B-02 | UC B-03 | Update a Quote for a rental date that is in less than 7 days | None | *None* | Not possible to update the quote |
| TC B-03 | UC B-03 | Quote update with invalid data | - Quote should exists  - Rental date is in more than 7 days | *-* Reservation *ID*  *- Contact details*  *Name*:  *Address*:  *Zip code*:  *City*:  Phone:  *Email:*  - Item details  Description:  Quantity:  Duration:  Location:  Start & end dates: | Guiding message of failure because of invalid data |
| TC B-01 | UC B-04 | Quote deletion/cancelation | - Quote should exists  - Rental date is in more than 7 days | *-* Reservation *ID* | Message of confirmation that the quote was cancelled |
| TC B-02 | UC B-04 | Delete a Quote for a rental date that is in less than 7 days | None | *None* | Not possible to delete the quote |
| TC B-01 | UC B-05 | Deposit an amount during the rental day | - Quote should exists  - Employee is an admin  - Employee is logged in | *-* Reservation *ID*  *- Deposit amount* | Message of confirmation that the deposit is saved |
| TC B-02 | UC B-05 | Deposit an unexpected amount during the rental day | - Quote should exists  - Employee is an admin  - Employee is logged in | *-* Reservation *ID*  *- Deposit amount* | System displays a guiding message that the deposit amount is incorrect and shows the expected deposit amount |
| TC B-01 | UC B-06 | Payment finalization | - Quote should exists  - Employee is an admin  - Employee is logged in  - Deposit is already made | *-* Reservation *ID*  *- Final payment* | Message of confirmation that the payment has been finalized |
| TC B-02 | UC B-06 | Payment finalization with incorrect amount | - Quote should exists  - Employee is an admin  - Employee is logged in  - Deposit is already made | *-* Reservation *ID*  *- Final payment* | System displays a guiding message that the payment is incorrect and shows the expected final payment |