

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.

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

# Test Cases

## Desktop App

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| UC ID | TC ID | Name | Pre-condition | Post-condition | Test data | Expected result | Result  True  /False | Result description  In case of false |
| FR A-01 | A-01 | Employee can log in | - Employee starts the App  - Employee is an admin | - Employee is at the dashboard Form | Enter:  - username: Ismail  - password: 123 | System displays dashboard form |  |  |
| A-02 | Text fields are empty | - Employee starts the App  - Employee is an admin | - Employee remains in the same form | Enter:  - username:  - password: | Message:  Fill in the required fields |  |  |
| A-03 | Username contains numbers | - Employee starts the App  - Employee is an admin | - Employee remains in the same form | Enter:  - username: 123  - password: 123 | Message:  Username cannot contain numbers |  |  |
| A-04 | Invalid username or password | - Employee starts the App  - Employee is an admin | - Employee remains in the same form | Enter:  - username: abc  - password: 123 | Message:  Invalid username or password |  |  |
| FR A-02 | A-01 | Employee can log out | - FR A-01 TC A-01 is fulfilled  - Employee is at any given form | - Employee is logged out | n.a. | Login form displays |  |  |
| FR A-03 | A-01 | Employee can go back | - FR A-01 TC A-01 is fulfilled  - Employee is at any given form | - Employee goes back to the previous form | n.a. | Previous form displays |  |  |
| FR A-04 | A-01 | Inventory form access | - FR A-01 TC A-01 is fulfilled | - Employee is at the inventory form | n.a. | Inventory form displays |  |  |
| A-02 | Go back | - FR A-01 TC A-01 is fulfilled | - Employee goes back to the previous form | n.a. | Previous form displays |  |  |
| FR A-05 | A-01 | Add new boat | - FR A-04 TC A-01 is fulfilled | - Boat successfully added | Enter:  Boat type: Canoe  Capacity: 1-2Persons  cost: 20€  deposit: 50€  quantity: 75  remark: 2 Paddles included | Message:  Boat successfully added |  |  |
| A-02 | Empty fields | - FR A-04 TC A-01 is fulfilled | - Boat is not added | Enter:  Boat type: Canoe  Capacity: 1-2Persons  cost:  deposit:  quantity:  remark: | Message:  Fill in the required fields |  |  |
| A-03 | Letters instead of a valid number | - FR A-04 TC A-01 is fulfilled | - Boat is not added | Enter:  Boat type: Canoe  Capacity: 1-2Persons  cost: ab  deposit: ab  quantity: ab  remark: 2 Paddles included | Message:  Cost, deposit and quantity cannot contain letters |  |  |
| FR A-06 | A-01 | Add new item | - FR A-04 TC A-01 is fulfilled | - Item successfully added | Enter:  item type: Electric Furnace  cost: 2,15€  quantity: 20 | Message:  Item successfully added |  |  |
| A-02 | Empty fields | - FR A-04 TC A-01 is fulfilled | - Item is not added | Enter:  item type: Electric Furnace  cost:  quantity: | Message:  Fill in the required fields |  |  |
| A-03 | Letters instead of a valid number | - FR A-04 TC A-01 is fulfilled | - Item is not added | Enter:  item type: Electric Furnace  cost: ab  deposit: ab  quantity: ab | Message:  Cost, deposit and quantity cannot contain letters |  |  |
| FR A-07 | A-01 | update boat | - FR A-04 TC A-01 is fulfilled | - Boat successfully updated | Enter:  Boat type: Canoe  Capacity: 1-2Persons  cost: 25€  deposit: 55€  quantity: 80  remark: 2 Paddles included | Message:  item successfully updated |  |  |
| A-02 | Empty fields | - FR A-04 TC A-01 is fulfilled | - Boat is not updated | Enter:  Boat type: Canoe  Capacity: 1-2Persons  cost:  deposit:  quantity:  remark: | Message:  Fill in the required fields |  |  |
| A-03 | Letters instead of a valid number | - FR A-04 TC A-01 is fulfilled | - Boat is not updated | Enter:  item type: Electric Furnace  cost: ab  deposit: ab  quantity: ab | Message:  Cost, deposit and quantity cannot contain letters |  |  |
| FR A-08 | A-01 | update item | - FR A-04 TC A-01 is fulfilled | - Item successfully updated | item type: Electric Furnace  cost: 3€  quantity: 25 | Message:  item successfully updated |  |  |
| A-02 | Empty fields | - FR A-04 TC A-01 is fulfilled | - Item is not updated | Enter:  item type: Electric Furnace  cost:  quantity: | Message:  Fill in the required fields |  |  |
| A-03 | Letters instead of a valid number | - FR A-04 TC A-01 is fulfilled | - Item is not updated | Enter:  item type: Electric Furnace  cost: ab  deposit: ab  quantity: ab | Message:  Cost, deposit and quantity cannot contain letters |  |  |
| FR A-09 | A-01 | Delete boat | - FR A-04 TC A-01 is fulfilled | - Boat successfully deleted | n.a. | Message:  Item is successfully deleted from inventory |  |  |
| A-02 | Cancels | - FR A-04 TC A-01 is fulfilled | - Boat is not deleted | n.a. | System displays “Inventory” form |  |  |
| FR A-10 | A-01 | Delete item | - FR A-04 TC A-01 is fulfilled | - Item successfully deleted | n.a. | Message:  Item is successfully deleted from inventory |  |  |
| A-02 | Cancels | - FR A-04 TC A-01 is fulfilled | - Item is not deleted | n.a. | System displays “Inventory” form |  |  |

## Web App