1. User Scenarios/Use Cases

1.1   User Scenarios

Nr.	User Scenario Name	Description
1.	Employee login	Using a predefined username and pass combination to access the system.
2.	Register new employee	Add new employee that starts working in the bar
3.	Edit Employee	The employee credentials can be edited and updated
4.	Delete Employee	In case an employee is removed from the job his status can be deleted
5.	Admin login	Using the admin username and password the system administrator can login and access the employees' data
6.	Employee Add Order	The currently logged in employee is able to add an order from the Products list of the currently opened tab
7.	Employee Open Tab	The employee can open a new tab for a specific table to add newly purchased products from the bar.
8.	Employee Prints Tab	The currently opened tab is sent to the computer's printer to be printed.
9.	Employee Delete Order	The currently logged in employee is able to remove an order from the Products list of the currently opened tab
10.	Log out	Provide the user to logout from the system
11.	Employee Login Fail	If the predefined username and pass combination doesn't match up in the Database, then the user can not log in.
12.	Print Empty Tab Exception	The system returns an Error pop-up with the exception description that a currently empty tab cannot be printed without any products in it.

1.2 User Scenarios

1. Employee Login: Scenario 1

   a. Employee is asked to choose his name from a drop-down list

   b. Employee is asked to enter password

   c. If his credentials match with those in database , employee is successfully logged in

   d. His own view is opened

2. Admin Scenario: Register new employee: Scenario 2

   a. Given that admin is logged in

   b. Admin accesses the list of all current employees

   c. Admin clicks Register Employee Tab

   d. Registration form appears

   e. Admin fills the form with the employee's attributes

   f. Admin adds a password which is shared with the employee

   g. Confirm the registration of new employee

   h. Admin logs out

3. Admin Scenario: Edit employee: Scenario 3

   a. Given that admin is logged in

   b. Admin can access the list of all current employees

   c. Admin clicks the specific Edit button which is available for each employee

   d. Employee Form appears

   e. Admin edits specific points in the Employee Form

   f. Admin saves form

   g. Admin logs out

4. Admin Scenario: Delete employee: Scenario 4

    a.   Given that admin is logged in

    b.   Admin can access the list of all current employees

    c.   Admin clicks the specific Delete button which is available for each employee

    d.   Delete popup confirmation appears

    e.   Admin selects specific action (Yes/No)

    f.   Employee credentials are removed from database

    g.   Admin logs out

5. Admin Login: Scenario 5

    a.   Admin is asked to choose his username from a drop-down list

    b.   Admin is asked to enter password

    c.   If his credentials match with those in database , the administrator is successfully logged in

    d.   Admin's own view is opened

6. Employee Add Order: Scenario 6

    a.   Employee logs in.

    b.   Employee selects open new tab function

    c.   Employee selects items from the products list

    d.   He then clicks the Add button to add the currently selected product to the opened tab

    e.   Employee prints tab or logs out

7. Employee Open Tab: Scenario 7

    a.   Employee logs in.

    b.   Employee selects open new tab function

    c.   A new tab is shown in the view and is ready to receive products on prompt

    d.   Employee fills tab with products and prints

    e.   Employee logs out

8. Employee Prints Tab: Scenario 8

    a.   Employee logs in

    b.   Employee has multiple opened tabs in his view

    c.   He selects one of the opened tabs in the view

    d.   Employee clicks the Print Tab button

    e.   The specific print view is then called from the Operating System

    f.   Employee logs out

9.   Employee Delete Order: Scenario 9

    a.   Employee logs in

    b.   Employee has at least one opened tab

    c.   Employee decides to remove one of the products in the currently opened tab

    d.   Employee clicks the product in the tab highlighting it

    e.   He then clicks the Delete Order button

    f.   Employee prints the new tab

    g.   Employee logs out

10. Employee Login Fail: Scenario 10

    a. Employee is asked to choose his name from a drop-down list

    b. Employee is asked to write down his password

    c. If the combination doesn't match up in the Database then the system shows a prompt of "Incorrect Password/Employee combination" asking the employee if he wants to continue and try again.

    d. The default login interface is reset and starts again from the beginning

11. Print Empty Tab Exception: Scenario 11

    a. Employee is logged in

    b. Employee clicks the Print Tab button without adding any products to it

    c. The system returns an Error pop-up with the exception description that a currently empty tab cannot be printed without any products in it.

    d. The pop-up prompt has an Ok button to confirm the exception and return to the previous view

    e. Employee logs out

1.3   Use Cases

Use Case No.	1	2	3
Use Case name	Employee login	Register new employee	Edit employee
Overview	Employees can access the system and its functionalities.	Administrator can register new employee	Administrator can edit a currently registered employee
Actors	Employees(User)	Administrator	Administrator
Pre-conditions	Employee must have an account	Admin must be logged in	Employee must be registered and admin must be logged in

Scenario flow	1. Employee is asked to choose his name from a drop-down list 2. Employee is asked to enter password 3. If his credentials match with those in database , employee is successfully logged in 4. His own view is opened	1. Admin is logged in 2. Admin accesses the list of all current employees 3. Admin clicks Register Employee Tab 4. Registration form appears 5. Admin fills the form with the employee's attributes 6. Admin adds a password which is shared with the employee 7. Confirm the registration of new employee 8. Admin logs out	1. Given that admin is logged in 2. Admin can access the list of all current employees 3. Admin clicks the specific Edit button which is available for each employee 4. Employee Form appears 5. Admin edits specific points in the Employee Form 6. Admin saves form 7. Admin logs out

Use Case No.	4	5	6
Use Case name	Delete Employee	Admin Login	Employee Add Order
Overview	Admin can remove employees from the system	Administrator can login to his own view in the system	Employee can add product to the currently opened tab
Actors	Administrator	Administrator	Employee
Pre-conditions	Employee must have an account and admin must be logged in	Admin must know his initial account credentials	Employee must be registered and logged in
Scenario flow	1. Admin is logged in 2. Admin can access the list of all current employees 3. Admin clicks the specific Delete button which is available for each employee 4. Delete popup confirmation appears 5. Admin selects specific action (Yes/No) 6. Employee credentials are removed from database 7. Admin logs out	1. Admin is asked to choose his username from a drop-down list 2. Admin is asked to enter password 3. If his credentials match with those in database , the administrator is successfully logged in 4. Admin's own view is opened	1. Employee logs in. 2. Employee selects open new tab function 3. Employee selects items from the products list 4. He then clicks the Add button to add the currently selected product to the opened tab 5. Employee prints tab or logs out

Use Case No.	7	8	9
Use Case name	Employee Open Tab	Employee Print Tab	Employee Add Order
Overview	Employee starts a new receipt to add items	Employee prints currently opened tab and products specifications	Employee can add product to the currently opened tab
Actors	Employee	Employee	Employee
Pre-conditions	Employee must have an account and must be logged in	Employee must be logged in and the tab must not be empty	Employee must be registered and logged in
Scenario flow	1. Employee logs in. 2. Employee selects open new tab function 3. A new tab is shown in the view and is ready to receive products on prompt 4. Employee fills tab with products and prints 5. Employee logs out	1. Employee logs in 2. Employee has multiple opened tabs in his view 3. He selects one of the opened tabs in the view 4. Employee clicks the Print Tab button 5. The specific print view is then called from the Operating System 6. Employee logs out	1. Employee logs in 2. Employee has at least one opened tab 3. Employee decides to remove one of the products in the currently opened tab 4. Employee clicks the product in the tab highlighting it 5. He then clicks the Delete Order button 6. Employee prints the new tab 7. Employee logs out

APPENDIX

Appendix A. Definitions, Acronyms, and Abbreviations

The term 'tab' is usually referred in this text as the currently opened order and to-be-printed receipt at the same time.
The term exception is used to represent errors which may be returned from the system in cases of faulty actions