**Requirements Document**

For Individual track project S3



Student name: Kristian Kolev

Student number: 4154738

Class: S3-CB04

Contents

[Functional requirements 2](#_Toc82636441)

[User Stories 5](#_Toc82636442)

# Functional requirements

|  |  |  |  |
| --- | --- | --- | --- |
| Functional Requirement ID | Requirements description | Must/Should/Could/Will have | Comments |
| FR-01 | The web app must have a login page for staff and can be only used by them | Must |  |
| FR-02 | The web app must have an admin account that has more functionalities than staff account | Must |  |
| FR-03 | The web app must have a database to store information about dishes and staff | Must |  |
| FR-04 | The web app must have a functionality to register employees to db | Must |  |
| FR-05 | The web app must have a functionality to read employees | Must |  |
| FR-06 | The web app should have a functionality to update employees in db | Should | Not necessary since there will be too much information in one place |
| FR-07 | The web app must have a functionality to remove employees from db | Must |  |
| FR-08 | The web app must have a functionality to add dishes and drinks to db | Must |  |
| FR-09 | The web app could have a functionality to read dishes and drinks | Should | Not necessary since there will be too much information in one place |
| FR-10 | The web app must have a functionality to update dishes and drinks in db | Must |  |
| FR-11 | The web app must have a functionality to remove dishes and drinks from db | Must |  |
| FR-12 | Every dish must have a unique code/id | Must |  |
| FR-13 | Staff members must be able to take the order of a table and mark it inside the web application | Must |  |
| FR-14 | Staff members must be able to correct the order of a table and save changes | Must |  |
| FR-15 | Staff members must have an option to finalize an order of a table | Must |  |
| FR-16 | Staff members should have an option to create a receipt without finalizing the order | Should |  |
| FR-17 | Staff members must be able to print receipt to text file | Must |  |
| FR-18 | Web application must have a predefined number of total tables (some will be added for demonstration purposes) | Must |  |
| FR-19 | Staff members must be able to select on or more tables to serve | Must |  |
| FR-20 | The web app must not allow more than one staff member to take care of one table | Must |  |
| FR-21 | The web app must have a page with a list of all dishes and drinks (in case a staff member forgot or does not know the code/id) | Must |  |
| FR-22 | The web app must have a working search bar on the page from FR-00 for easier and faster work | Must |  |
| FR-23 | The web app must be able to calculate the price of an order in real time (when a dish/drink is added the app adds the price of the product to the bill) | Must |  |
| FR-24 | The staff member should be able to choose the number of products they want to add to the order | Should |  |
| FR-25 | The web app could have an option to “save orders” of usual clients | Could |  |
| FR-26 | The web app could generate a personalized QR code for the usual customers | Could |  |

# User Stories

US-01

|  |
| --- |
| User story:  As a staff member,  I want to login in the application,  So I can mark the order of a table. |
| Acceptance criteria:  The login page has a field for my credentials,  There has to a button for logging in. |

US-02

|  |
| --- |
| User story:  As a staff member,  I want to finalize order,  So I can receive payment for the customers. |
| Acceptance criteria:  There has to be a button to finalize the order.  There application should automatically print the receipt on a text file. |

US-03

|  |
| --- |
| User story:  As an admin,  I want to be able to add new employees and dishes,  So I can then use them. |
| Acceptance criteria:  There should be an admin account already in the app that has more functions than a staff member account. |