**Requirements Document**

For Individual track project S3



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Contents

[1. Project Introduction 2](#_Toc88845456)

[2. Version table 3](#_Toc88845457)

[3. User Stories 3](#_Toc88845458)

[4. Screens 7](#_Toc88845459)

[5. Backlog 8](#_Toc88845460)

# Project Introduction

My project is a web application and its main purpose is to be used by restaurants.

The main part of the app is to give insight to the staff by keeping track of customer’s orders.

The idea is not to solve an existing problem, but serve the purpose of a product for a client.

The idea originated when I saw a real application serving that purpose and thought that it could be improved. That is my chance to prove my point.

The application will, of course, have the same functionalities inside of it as a real one. It will be able to create an order and track it for each separate table as well as the bill and calculate it in real time (if a product is added to the order the total amount of the bill is increased by the added product’s price). The person responsible for that table will be able to finalize the table’s order. By finalize I mean when the people decide they are done and want to leave, the waiter/waitress uses the application to get their receipt. More of the functionalities can be seen below.

# Version table

|  |  |
| --- | --- |
| Version | Description |
| 1.0 | Work in progress |

# User Stories

* 1. US-01

|  |  |  |
| --- | --- | --- |
| Name: Registering products for table | Priority: Must | Estimation: 13 |
| User story:  As a staff member,  I want to register an order in the web application,  So I can keep track of the table’s order. | | |
| Acceptance criteria:  There must be a way for inputting product id and to add it to the order. There also must be a list viewing for each table to display the dishes the table has purchased so far. | | |

* 1. US-02

|  |  |  |
| --- | --- | --- |
| Name: Registering employees and products in application | Priority: Must | Estimation: 21 |
| User story:  As a manager,  I want to register products in the web application,  So I can then use them to create orders. | | |
| Acceptance criteria:  There must be way for entering the name of a product and to add it to the list of all products which should also be shown. | | |

* 1. US-03

|  |  |  |
| --- | --- | --- |
| Name: Completing order | Priority: Must | Estimation: 8 |
| User story:  As a staff member,  I want to complete order,  So I can use the table again for the next customers. | | |
| Acceptance criteria:  There has to be a way to complete the order.  There application should automatically print the receipt on a text file. | | |

* 1. US-04

|  |  |  |
| --- | --- | --- |
| Name: Registering employees and dishes | Priority: Must | Estimation: 13 |
| User story:  As an admin,  I want to be able to add new employees and dishes,  So I can then use them in an order. | | |
| Acceptance criteria:  There must be way for entering the name of a product and to add it to the list of all products which should also be shown. | | |

* 1. US-05

|  |  |  |
| --- | --- | --- |
| Name: Logging in | Priority: Could | Estimation: 13 |
| User story:  As a staff member,  I want to login in the application,  So I can use it. | | |
| Acceptance criteria:  The login page has a way for inputting my credentials  and logging in. | | |

* 1. US-06

|  |  |  |
| --- | --- | --- |
| Name: Viewing products and employees | Priority: Must | Estimation: 13 |
| User story:  As a staff member,  I want to be able to see all products and employees,  So I use the information when needed. | | |
| Acceptance criteria:  There must be a way to display all employees and products. | | |

* 1. US-07

|  |  |  |
| --- | --- | --- |
| Name: Registering an order | Priority: Must | Estimation: 21 |
| User story:  As a staff member,  I want to register an order in the web application,  So I can keep track of the table’s order. | | |
| Acceptance criteria:  There must be a way to input product id and to add it to the order. There also must be a list viewing for each table to display the dishes the table has purchased so far. | | |

# Screens

Here are the original screens that I drew back in Sprint 2.

A whiteboard with writing on it

Description automatically generated with low confidence

# Backlog

A screenshot of a computer

Description automatically generated