

Sprint 4

-Agile Development Phase-

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# Introduction

This document aims to provide insight into the technical aspects of the project for the **Agile Development Phase.**

The Document presents the changes and plan for ***Sprint 4***(Week 16-18) and represents an extension of the waterfall phase documents. As a difference from the previous documents, now the entire documentation of a sprint will be presented as a single document.

## Sprint 4 URS

As it has been mentioned during the past Tutor meetings, these weeks will revolve around the implementation of a final quality-of-life life feature regarding sales tracking. An extra possibility, would be other statistics such as an easy way of managing attendance of employees.

# User requirements

As previously used, the classification system of the future of development is based on the **MoSCoW** system, in which each letter stands for the following:

**M – Must have:** will be implemented mandatorily  
**S – Should have:** will be implemented but possibly not during the first phase.  
**C – Could have:** potential ideas that are not essential but might be implemented at some point  
**W – Won’t have:** features that will not be implemented

functional requirements

1. FR-34(M): Sales Tracking: the ability to see which items have been sold throughout the past.
2. FR-35(S): Employee tracking: the ability to see how many employees are inside of the company.
3. FR-36(C): Employee tracking: the ability to see how much each employee needs to be paid.
4. FR-37(C): Sales Tracking: implementation of filters and advanced searching within the sales screen.

# Work division

The work division for sprint 4 is as follows:

1. Implementation of Sales Tracking – **Kiril**
2. Implementation Employee Tracking – **Nikolay, Yordan**
3. Implementation of Sales Tracking advanced filters – **Kiril**
4. Documentation – **Tudor**

# Use cases

UC-30

Use Case: Using advanced sales filters

Actor: Employee

Pre-Condition: On the Sales Tracking screen

Main Success Scenario:

1. Employee selects preferred filters
2. Employee clicks search
3. System displays proper sales entries

Extension:

3a. No entries have been found

1. System informs user that no entries have been found

## Sprint 4 Test Plan

# Introduction

This part of the document aims to further deepen the developers’ understanding of their product through the help of testers with no prior knowledge of the application. This allows the creators as much as the client to understand the overall accessibility of the created application before deployment.

Test cases are of great importance in showing whether the application provides an approachable GUI as well as in the discovery of potential bugs before the release of the app.

# Test cases per use case

## UC-30: Using advanced sales filters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Name | Pre-Condition | Test Data | Expected Result |
| TC-34 | View filtered sales data | On the “Sales Tracking” screen | Username: jrdn  Password: 123 | Proper entries are shown |

# Test report

Introduction

This part of the document aims to provide understanding based on the feedback received from the test cases presented first-hand in the Test Plan document. Ongoing tests made on people with no prior knowledge of the application have generated data which is going to be summed up in the test report.

## TC-34: View filtered sales data

The Interface was clear and easy to use, no problems encountered