

Sprint 2

-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 2***(Week 10-12) 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 2 URS

As previously mentioned during the end-of-sprint Tutor Meeting, these weeks will revolve around reaching Quality-of-Life goals inside of the desktop application, as well bringing a first functional version of the requested website.

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

Non-functional requirements

1. NFR-07(S): Password hashing in order to boost overall security of application

functional requirements

1. FR-26(M): Website: Employees can log in and out
2. FR-27(M): Website: Employees can navigate web pages after login
3. FR-28(S): Website: Employees can check personal schedule
4. FR-29(S): Website: Employees can check inventory stock
5. FR-30(C): Website: Employees can search for specific items and view stock
6. FR-31(C): Desktop: On “Sell page” a barcode scanner can be used to add items to basket

Work division

The work division for sprint 2 is as follows:

1. Implementation of password hashing – **Nikolay**
2. Implementation of Website – **Yordan**
3. Addition of barcode scanner functionality – **Kiril**
4. Documentation handling - **Tudor**

Use Cases

UC-25

Use Case: Logging in to website

Actor: Employee

Pre-Condition: On the ***MediaBazaar’s Website***

Main Success Scenario

1. Employee adds credentials
2. Employee clicks “Login” button
3. Employee is redirected to “My shifts” page

Extension:

2a. Employee credentials are incorrect

1. Website informs Employee
2. Return to MSS. step 1

UC-26

Use Case: Employee views personal shifts

Actor: Employee

Pre-Condition: On the ***MediaBazaar’s Website***

Logged in

Main Success Scenario

1. Employee clicks “My shifts” button
2. Employee is redirected to “My shifts” page
3. Employee can scroll and view daily shifts

UC-27

Use Case: Employee searches for stock/price of an item online

Actor: Employee

Pre-Condition: On the ***MediaBazaar’s Website,*** Logged in

Main Success Scenario

1. Employee clicks “Inventory” button
2. Employee is redirected to “Inventory” page
3. Employee enters item name in the search bar and clicks “Search” button
4. Only items with name matching to searched one are displayed

Extension:

3a: No matching names were found

1. “No items found” message is displayed
2. End of use case