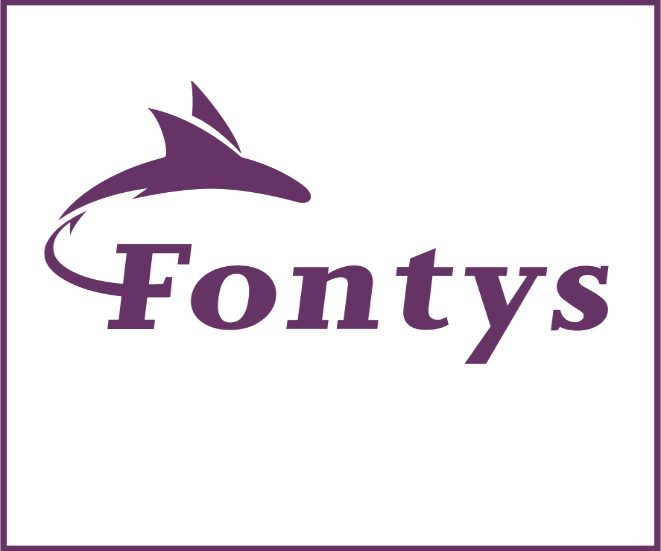
**Requirement Document**

**P-CB-S3-04**

**Web Shop – PC Heaven**



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| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 0.0 | Friday, September 17, 2021 | Work in progress |
| 1.0 | Wednesday, September 22, 2021 | Removed MOSCOW table |
| 2.0 | Friday, October 8, 2021 | Added user stories from the point of the admin |

# Introduction

## Purpose of this document

This is a Requirements Document for a web-based computer parts sales system. The system should give users the ability to purchase products, while also giving the ability to admin users to modify the products available. This document will describe user stories, give them a priority estimate from a scale of 1 to 100 (1 being the lowest priority, 100 being the highest). As well as an estimation on difficulty from 1 to 21 (1 being the easiest, 21 being the hardest).

# Backlog

## User story, Acceptance Criteria, Priority, Estimate

## 2.1 USER STORIES

As a customer I want to be able to see all PC parts available for purchase on the web shop so that I can choose what to purchase

**Acceptance criteria:**

All available items are displayed

All unavailable items are filtered out

Prices are displayed next to every item

**Priority (100-1):** 100

**Estimate: (21-1):** 15

As a customer I want to be able to filter the PC parts by name so that I can purchase a specific item

**Acceptance criteria:**

Search using the name of a specific item should display that item

If an item is out of stock, it should communicate that rather than not displaying the item

**Priority (100-1):** 77

**Estimate: (21-1):** 7

As a customer I want to be able to register an account so that I have access to more features on the web shop

**Acceptance criteria:**

Username and password are recorded, and account is created

No 2 account can have the same username

**Priority (100-1):** 80

**Estimate: (21-1):** 9

As a customer I want to be able to log in so that I can use additional features

**Acceptance criteria:**

If provided username and password are correct user is logged in

If provided username and password are incorrect user is not logged in

**Priority (100-1):** 80

**Estimate: (21-1):** 9

As a customer I want to be able to put items in my shopping cart so that I can buy all the things I want at once

**Acceptance criteria:**

Multiple items can be added to the shopping cart

The total cost of the items is displayed at the bottom of the cart

**Priority (100-1):** 60

**Estimate: (21-1):** 12

As a customer I want to be able to increase my account balance so that I can buy the things in want

**Acceptance criteria:**

A person can specify how much they want to add to their balance

When adding there is a check to see if it is a person performing the action or a bot

Account balance is increased based on the amount specified

**Priority (100-1):** 65

**Estimate: (21-1):** 8

As a customer I want to be able to purchase everything in my shopping cart using my account balance so that I can get the items that I want

**Acceptance criteria:**

Account balance is decreased by the total cost

The purchases are recorded in purchase history

If account balance is less than total cost, the transaction is not processed, and an error message is displayed

**Priority (100-1):** 67

**Estimate: (21-1):** 3

As a customer I want to be able to view my purchase history so that I can view my spending habits

**Acceptance criteria:**

All items I have purchased are displayed

Account is required

**Priority (100-1):** 50

**Estimate: (21-1):** 5

## 2.2 ADMIN STORIES

As an admin I want to be able to view all users so that I can see how many people have registered for my shop

**Acceptance criteria:**

All registered users are displayed

**Priority (100-1):** 30

**Estimate: (21-1):** 4

As an admin I want to be able to view and manage all the products so that I can make changes to my inventory if necessary

**Acceptance criteria:**

All items registered are displayed

Items that are low or depleted on supply and highlighted

Adding new items to the inventory is possible

Deleting items from Inventory is possible

Updating information about a specific item in the inventory is possible

**Priority (100-1):** 90

**Estimate: (21-1):** 10

As an admin I want to be able to add new item to inventory

**Acceptance criteria:**

Product is saved in the system

If some details are not filled in the product is not created and error message is displayed

**Priority (100-1):** 90

**Estimate: (21-1):** 12

As an admin I want to be able to update an item from the inventory

**Acceptance criteria:**

Product details are updated and saved in the system

**Priority (100-1):** 90

**Estimate: (21-1):** 12

As an admin I want to be able to add delete an item from the inventory

**Acceptance criteria:**

Product is deleted from the system

**Priority (100-1):** 90

**Estimate: (21-1):** 7

As an admin I want to be able to see all purchases so that I can see how much profit my website is making

**Acceptance criteria:**

All purchases are displayed

Total revenue is calculated and displayed

**Priority (100-1):** 30

**Estimate: (21-1):** 6