**REVISION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 05.09.2019 | 1.0 | Assignment of work to Members | Kerem Güre |
| 05.09.2019 | 1.1 | Completed Document overview  Added some info into Coding and automated tests and Activities and responsibilities | Burak Deniz |
| 06.10.2019 | 1.2 | Added some tools into Software Design(2.2.3) and Coding and automated tests(2.2.4) | Cenker Karaörs |
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# **Identification**

## ***Document overview***

Our project is a web-based project. In our project we want to create a WebApp where people can choose the computer parts they want and buy them. In our web page we aim to create a shopping site like Hepsiburada.

## ***Abbreviations***

### **Abbreviations**

Add here abbreviations. For example, define an abbreviation for the software system that is going to be developed and use this abbreviation to refer to the system in the rest of the document. You can also add other abbreviations that were previously defined. For example, a list like the following one can be provided.

BCP: Build PC Project

UML: Unified Modeling Language

IDE: Integrated Development Environment

JDK: Java Development Kit

SRS: Software Requirement Specification

STP: Software Test Plan

SDD: Software Design Document

STR: Software Test Report

…

## ***References***

### **Project References**

|  |  |  |
| --- | --- | --- |
| # | Document Identifier | Document Title |
| [R1] | ID | Add your documents references.  One line per document |

# **Software Development Activities**

The section lists and describes the software development activities of XXX software development project.

## ***Software development process***

This is a course project, which adopts the waterfall model as the software development process.

### **Overview of process phases**

The software development process for the project will be composed of the following phases:

* Planning
* Requirements Analysis
* Design
* Implementation
* Testing and Analysis

These phases will follow each other sequentially, where each phase starts just after the completion of the previous one. The following Gantt chart depicts the planned start date and duration for the phases.

Include a Gantt chart here!

### **Technical documentation**

The following documentation is produced during the software development phases:

* Software specification: SRS, STP
* Software detailed conception: SDD
* Software tests phases: STR
* Software analysis: SAR

### **Deliverables**

The following items will be delivered at the end of the process:

* Technical documentation as outlined in Section 2.1.2
* Software and its configuration files

## ***Software development tools***

### **Workstation**

Describe the typical Workstation used for development

### **Requirements management and documentation**

Describe tools used to write and manage requirements: Microsoft Word, etc.

### **Software Design**

* ERDPlus

Describe tools used for software design:

* Argo UML open source tool, Microsoft Visio, Rational Rose, Together J, etc.

### **Coding and automated tests**

* PyCharm
* Flask
* Visual Studio Code + Django Template, HTML Snippets
* IntelliJ IDEA
* Microsoft SQL Server

Describe tools used for coding and automated tests.

* Eclipse + list of plugins or MS Visual Studio 2010 + list of plugins
* Junit, etc.

I Have added my ideas and framework But this part is not full

### **Configuration management**

GitHub[[1]](#footnote-0) will be used for software configuration management and tracking issues regarding the software development. A public repository will be created for this purpose.

## ***Software development rules and standards***

UML[[2]](#footnote-1) will be used for software design documentation.

Describe here other standards and rules you plan to use for software development, if any. For instance, you can follow a particular coding standard/convention (e.g., Oracle provides coding conventions for Java: http://www.oracle.com/technetwork/java/codeconvtoc-136057.html). Then you should mention it here and provide a link for it.

# **Responsibilities**

## ***Activities and responsibilities***

Each activity has someone responsible (although multiple project members can be involved in the activity), mandatory.

|  |  |  |
| --- | --- | --- |
| **Activity** | **Responsibility** | **Comment** |
| Project management | YYY |  |
| Configuration tools management | ZZZ |  |
| Setting up the Development tools | Burak Deniz | Responsible for installing all necessary frameworks, plugins, ideas etc. |
| Software specifications | XXX |  |
| Database design | Cenker Karaörs | Responsible for designing the data base and creating the necessary tables. |
| … |  |  |

# **Risk Assessment**

## ***Risk Analysis***

Provide a risk analysis table here. See the example in the course slides.

## ***Risk Planning***

For each risk item listed in the previous subsection, provide risk indicators and action(s) to be taken when the risk takes place.

1. http://www.github.com [↑](#footnote-ref-0)
2. http://www.uml.org/ [↑](#footnote-ref-1)