CENG3004: Software Engineering

**Project Name**

**Software Requirements Specification Document**

**DD/MM/YYYY**

**Team Members:**

John Doe1

John Doe2

John Doe3

John Doe4

**DISCLAIMER**

Software Requirements Specification (SRS), is produced as a result of the analysis of the requirements provided by the customer. This document is an agreement between the customer and developer (in this case you) and a basis for the design of the system. For the success of the project, it needs to be developed carefully and capture the requirements thoroughly.

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# Overview

Provide an overview of the system. What is the system, what does it do, why do you do it, who is the customer?

# Requirements

## Functional Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirement Identifier** | **Source (e.g. Interview with XX on DD/MM/YYYY)** | **Priority**  **(High/**  **Medium/**  **Low)** | **Description** |
| FR-1[[1]](#footnote-1) |  |  |  |
| FR-2 |  |  |  |
| FR-3 |  |  |  |
| … |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Nonfunctional Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirement Identifier** | **Source (e.g. Interview with XX on DD/MM/YYYY)** | **Priority**  **(High/**  **Medium/**  **Low)** | **Description** |
| NR-1[[2]](#footnote-2) |  |  |  |
| NR-2 |  |  |  |
| NR-3 |  |  |  |
| … |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Actors and Roles

List of actors to be mentioned in use cases. Who interacts with the system?

# Use Cases

Exanple (use as many as you want). If needed you can provide a use scenario for use cases in the appendix.

|  |  |
| --- | --- |
| **Use Case Identifier** | UC-1[[3]](#footnote-3) |
| **Use Case Name** |  |
| **Participating Actors** |  |
| **Flow of events** |  |
| **Entry condition** |  |
| **Exit conditions** |  |
| **Related non-functional requirements[[4]](#footnote-4)** |  |

# System models

User Visual Paradigm to draw models in this section.

## Use Case Diagrams (at least three use cases per team member)

Refer back to use cases reported in section 4 and actors in section 3.

## Class Diagrams (at least four classes per team member)

Refer back to use cases in section 4.

## Sequence Diagrams (at least one per team member)

Use actors in section 3 and classes from 5.2.

## Actvitiy Diagrams (at least one per team member)

Refer back to uses cases and flow of events in section 4.

## Statechart Diagrams (at least one)

Refer back to classes from section 5.2.

# User Interface Diagrams (at least one)

# Glossary

# References

# Appendix

1. Use prefix “FR-“ for functional requirement identifiers [↑](#footnote-ref-1)
2. Use prefix “NR-“ for non-functional requirement identifiers [↑](#footnote-ref-2)
3. Use prefix “UC-“ for use case identifiers [↑](#footnote-ref-3)
4. Use the non-functional requirement identifier from Section 2 when appropriate [↑](#footnote-ref-4)