# **CSC 431** <Project Name> Software Requirements Specification (SRS)

**<Team number>**

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| --- | --- |
| <Member Name> | <Role> |
| <Member Name> | <Role> |
| <Member Name> | <Role> |
| <Member Name> | <Role> |

# Version History

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| --- | --- | --- | --- |
| Version | Date | Author(s) | Change Comments |
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### System Requirements

#### Functional Requirements

< List all functional requirements in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |
| Precondition(s) | <What needs to happen before> |
| Basic Flow | <Brief, Sufficiently descriptive details of interaction step by step> |
| Postconditions(s) | <What happens as a result> |
| Use Case Diagram | <Link or number, if present> |

#### Non-Functional Requirements

< List all non-functional requirements in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |
| Applicable FR(s) | <Which functional requirement(s) is this applicable to?> |

### System Constraints

#### Tool Constraints

< List all tool constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Language Constraints

< List all language constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Platform Constraints

< List all platform constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Hardware Constraints

< List all hardware constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Network Constraints

< List all network constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Deployment Constraints

< List all deployment constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Transition & Support Constraints

< List all transition & support constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Budget & Schedule Constraints

< List all budget & schedule constraints in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

#### Miscellaneous Constraints

< List all miscellaneous constraints in the following example format >

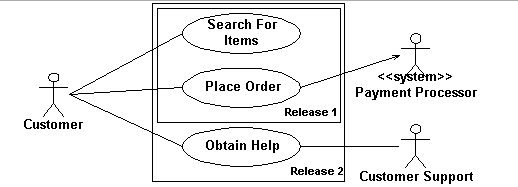
##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |

### Requirements Modeling

< List all Use-case diagrams for the functional requirements in the following format>

##### **Requirement Title**



### Evolutionary Requirements

#### Functional Requirements

< List all functional requirements in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |
| Precondition(s) | <What needs to happen before> |
| Postconditions(s) | <What happens as a result> |
| Use Case Diagram | <Link or number, if present> |

#### Non-Functional Requirements

< List all non-functional requirements in the following example format >

##### **Requirement Title**

|  |  |
| --- | --- |
| Title | <Insert title> |
| Description | <A one or two sentence description> |
| Priority | <Priority from 0 (highest) – 5 (lowest)> |
| Applicable FR(s) | <Which functional requirement(s) is this applicable to?> |