

SRS Document

Plan based (Water fall): Requirement & Specification Document

Components	Description	Points
Part 1: Introduction, Purpose, goal of the Requirement document	<ul style="list-style-type: none">• Introduction to your project/problem/product/system• Purpose/Goal• Constraints	10
Part 2: Requirement Glossary	Define all important and domain-based terms (every user/client/stakeholder should understand your system)	5
Part 3: User Requirement (Use Case diagram)	<ul style="list-style-type: none">• List out all functional requirements (high level)• System level use case diagram (all use case in one diagram)• All the actors should be present in use case diagram	10
Part 4: System Requirements (<u>Use Case Templates</u>)	<ul style="list-style-type: none">• Use case templates description• List out all requirements (step by step)	<u>30</u>
Part 5: Prototyping	<ul style="list-style-type: none">• Create a prototype for whole system (not detailed system like agile)	<u>10</u>
Part 6: Non-functional requirements	<ul style="list-style-type: none">• Define what are nonfunctional requirements• List out 5 major nonfunctional requirements for your project/product/system• Justify why do you need them	<u>15</u>
Technical requirement	Technology and tool based	<u>10</u>
Project Risks	Identify all possible Project Risks	<u>5</u>
Project Management (Schedule of activities)		<u>5</u>

Incremental (Agile): Requirement & Specification Document

Components	Description	Points
Part 1: Introduction, Purpose, goal of the Requirement document	<ul style="list-style-type: none">• Introduction to your project/problem/product/system• Purpose/Goal• Constraints	10
Part 2: Requirement Glossary	Define all important and domain-based terms (every user/client/stakeholder should understand your system)	5
Part 3: User Requirement (Use Case diagram)	<ul style="list-style-type: none">• List out all functional requirements (high level)• System level use case diagram (all use case in one diagram)• All the actors should be present in use case diagram	20
Part 4: System Requirements (Prototyping)	<ul style="list-style-type: none">• Create a prototype for the complete system• List out all requirements (step by step) for each screen/page/wire frame/prototype.	<u>30</u>
Part 5: Non-functional requirements	<ul style="list-style-type: none">• Define what are nonfunctional requirements• List out 5 major nonfunctional requirements for your project/product/system• Justify why do you need the	<u>15</u>
Technical requirement	Technology and tool based	<u>10</u>
Project Risks	Identify all possible Project Risks	<u>5</u>
Project Management (Schedule of activities)		<u>5</u>

Submission: BrightSpace (online)

Assignment/Homework Type: Group (one copy from each team)

Submission Type: PDF document

Due Date: 10:00 PM, 28th Feb 2021

Topics: Requirements & Specification, Use case, and Prototype