Plan based (Water fall): Requirement & Specification Document

| Components | Description | Points |
|---|--|---------------|
| Part 1: Introduction, Purpose, goal of the Requirement document | Introduction to your project/product/systemPurpose/GoalConstraints | 10 |
| Part 2: Requirement Glossary | Define all important and domain-based terms (every user/client/stakeholder should understand your system) | 10 |
| Part 3: User Requirement (Use Case diagram) | 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 | 15+5 |
| Part 4: System Requirements (Use Case Templates) | Use case templets description List out all requirements (step by step) | <u>30 +5</u> |
| Part 5: Prototyping | Create a prototype for whole system (not detailed system like agile) | 10 (optional) |
| Part 6: Non-functional requirements | 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> |
| References +document templet | | 10 |

Incremental (Agile): Requirement & Specification Document

| Components | Description | Points |
|--------------------------------|---|-----------|
| Part 1: Introduction, Purpose, | Introduction to your | 10 |
| goal of the Requirement | project/product/system | |
| document | Purpose/Goal | |
| | Constraints | |
| Part 2: Requirement Glossary | Define all important and | 10 |
| | domain-based terms (every | |
| | user/client/stakeholder should | |
| | understand your system) | |
| Part 3: User Requirement | List out all functional | 20 |
| (Use Case diagram) | requirements (high level) | |
| | System level use case diagram | |
| | (all use case in one diagram) | |
| | All the actors should be | |
| | present in use case diagram | |
| Part 4: System Requirements | Create a prototype for the | <u>35</u> |
| (Prototyping) | complete system | |
| | List out all requirements | |
| | (step by step) for each | |
| | screen/page/wire | |
| | frame/prototype. | |
| Part 5: Non-functional | Define what are | <u>15</u> |
| requirements | nonfunctional requirements | |
| | List out 5 major | |
| | nonfunctional requirements | |
| | for your | |
| | project/product/system | |
| | Justify why do you need | |
| | the | |
| | | |
| References ++document | | 10 |
| templet | | |

Submission: BrightSpace (online)

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

Submission Type: PDF document

Due Date: 10:00 PM, 10/9/2020

Topics: Requirements & Specification, Use case, and Prototype