

Assessment Overview

Project Manager

Sprint 1:

Project and People Management [10 Marks]

1. Jira- Gantt chart, WBS
2. Project Schedule
3. Meeting minutes- Format
4. Meeting Schedule
5. Attendance

Risk Analysis [10 Marks]

1. Project Risk Log -Format

A risk assessment report should also be written:

- Possible Risks (absences, long-term illnesses, unsuitable technology chosen ,loss of files, hardware failure, etc.)
- Impact on the project(Delay, cost, etc)
- Possible Solutions (Reorganization, Purchases, change in deliverables, etc.)

What to submit

- A written report(e.g. Word Document -max 3 sides of A4 paper)

Collaboration Document [15 Marks]

1. Good Collaboration (Jira)
2. Personal Development Document (500 words)
3. Issue Tracking
4. Work on Deadlines

Sprint Retrospective [5 Marks]

(To be submitted in the **self-appraisal form**)

Sprint 2:

Project and People management [10 Marks]

1. Jira - Gantt Chart, WBS
2. Project Schedule
3. Meeting Minutes
4. Meeting Schedule
5. Attendance

Client Presentation [10 Marks]

1. Slides
2. User Manual -(use format)

Presentation of the final artifact

At the end of the second sprint, the final artifact will be presented to the client. It is the Project Manager's role to lead the presentation and ensure it runs smoothly.

What to submit

- Evidence of the preparation
- Meeting conducted in front of the client, team members and instructors

Collaboration Document [15 Marks]

1. Good Collaboration
2. Personal Development form(500 words)
3. Issue Tracking
4. Work on Deadlines

Sprint Retrospective [5 marks]

(To be submitted in the self-appraisal form)

Business Analyst

Sprint 1:

Functional Requirements and Design [10 Marks]

1. Product Backlog (User stories-follow the format)
2. Design:
 - Use Case Diagram
 - Activity Diagram
 - ERD (Entity Relationship Diagram)
 - Wireframes

You should read the brief provided canvas(Assessment/Project folder) and liaise with your client and project manager in order to produce a **list of requirements** for the project,both functional and non-functional.

Your report should include a UML **Activity Diagram** for each activity set. These should detail how your application works and how users interact with it.

This should take the form of a written document(max 3 sides of A4).

What to Submit

- A written report (e.g. Word Document)

Scoping[10 marks]

You should .with assistance of the project manager, establish clear boundaries to the project, and clearly define what work will be completed as part of this project, and what should be left out and considered as **“Future Improvements”**.

This section should take the form of a written document (max 2 sides of A4).

What to Submit

- A written report (e.g Word Document)

Collaboration Document [15 Marks]

1. Good collaboration(Jira)
2. Personal Development Document (500 words)
3. Issue Tracking
4. Work in Deadlines

Sprint Retrospective [5 Marks]

(To be submitted in the **Self-appraisal form**)

Sprint 2:

Functional Requirements and Design [10 Marks]

1. Product backlog(User stories - follow the format)
2. Design:
 - Use Case Diagram
 - Activity Diagram
 - ERD (Entity Relationship Diagram)
 - Wireframes

Functional Testing [10 Marks]

1, Test Case

- Unit Testing
- System Testing

As a Business Analyst, you should have in -depth knowledge and understanding of the features and functionalities of the product being developed and such should assist with functional testing. This involves:

- Designing detailed test plan covering all functionalities and aspects of the product being developed
- Performing functional testing
- Creating "issues" in the Version Control ,e__ system such as a GitLab, and following up progress.

What to submit

- A written report (e.g. Word document)
- Screenshots of contributions to GitHub issues

Collaboration Document [15 Marks]

1. Good Collaboration (Jira)
2. Personal Development Document (500 words)
3. Issue Tracking
4. Work on Deadlines

Sprint Retrospective [5 Marks]

(To be submitted in the self-appraisal form)

Software Developer

Sprint 1:

Choosing for the relevant technologies [10 Marks]

You should write a short report (max 2 sides of A4) justifying the technologies you have decided to use to implement the customer requirements, including:

- An account of all technologies available and suitable for the job (e.g. different programming languages, platforms, DBMS etc.)
- A justification of the technologies you have chosen
- The risks/limitations, if any, associated with the chosen technologies.

What to submit

A written report (e.g. Word document)

Implementing functional requirement [10 Marks]

1. Use of Version control

You should implement all functional requirements as per the agreed specification, i.e. **every item on the current sprint's Backlog, as agreed with the project manager.**

- **Use of Version Control**

You should commit your code regularly to a **Version Control system**

- **Commenting your code**

Collaboration amongst developers is also greatly helped by the use of comments that explain certain key sections of your code. You should always comment on the code written as part of this assessment.

What to submit

- Source code listings, highlighting sections that you have produced
- GitLab commit logs showing **your** commits
- GitLab commit graphs showing **your** commits

Collaboration Document [15 Marks]

1. Good Collaboration (Jira)
2. Personal Development Document (500 words)
3. Issue Tracking
4. Work on Deadline

Sprint Retrospective [5 Marks]

(To be submitted in the self- appraisal form)

Sprint 2:**Implementing functional requirement [10 Marks]**

1. Use of Version control
2. Flow Chart of the system

Bug Fixing [10 Marks]

- You should work with the Business Analyst and the rest of the team to fix as many bugs as possible.

What to submit

- Source code extracts showing specific amendments/fixes to your code.
- Screenshots showing contributions to GitHub "Issues", comments, fixes, etc,

Collaboration Document [15 Marks]

1. Good Collaboration (Jira)
2. Personal Development Document (500 words)
3. Issue Tracking
4. Work on Deadlines

Sprint Retrospective [5 Marks]

(To be submitted in the self- appraisal form)

The art of leadership is saying no, not saying yes. It is very easy to say yes.

Best of luck - Collaborative Development Team

