

**School of Computing and Digital Technologies**

**Applied Software Engineering**

**(55-508876-AF-20256)**

**Assessment Portfolio**

**Task 1**

**Project:**

**Group #:**

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Name | ID | Scrum Role |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Github Repo link:**

**Video Link:**

**Date:**

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# Introduction

This is a descriptive report (Software Design Description), written as a group, including artefacts produced at various stages in software development and response to formative feedback

**Guidelines for using this template:**

* This is intended as indicative guide to use for your team descriptive report, you may make changes as you see fit
* Rename the file to include your group number, e.g. “Group 01 ASE Portfolio.docx”
* Delete all sections descriptions before you start (in red font). As they are meant for guidance only and not to be included in the final submission.
* Make sure all diagrams are clear, and captions used for all diagrams and tables.
* Add brief diagram description if needed to further explain your design.
* Use APA referencing to support your work
* Update the table of content before submitting the final version
* Use APA 7th referencing style for all cited academic and technical sources. Check:  
  <https://libguides.shu.ac.uk/pages/referencing>

**General Guidelines:**

* **The README.md (in your GitHub repository) should include project setup, repository structure, stack, and usage details. Do NOT include these instructions in this report.**
* **The Portfolio document (Word) should focus on design, process, reflection, and evidence of engineering practices. You MUST demonstrate those elements in your video presentation.**

**4 Assessment Mapping: This section maps to:**

* ***Video Presentation – clarity and overview***

# Product Goal (Max 100 words)

**4 Assessment Mapping:   
This section maps to:**

* *Requirements documentation*
* *Video Presentation (planning & design)*

# Project Planning & Management

**4 Assessment Mapping:   
This section maps to:**

* *Video Presentation (planning)*
* *Group Work Diary*
* **Definition of Done (DoD)**
* **Project tools**: (e.g., Trello, GitHub, Figma, etc.)
* **Team roles and responsibilities – table format**
* **Sprint plan: outline at least 2 sprints with goals**
* **Burndown chart / sprint backlog (screenshots)**
* **Reflection on project management: challenges, adaptation, use of feedback**

# Requirements Documentation

**4 Assessment Mapping:   
This section maps to:**

* *Software Prototype with Documentation*
* *Video Presentation (requirements & design)*

## Non-functional Requirements

## User Roles, and Personas

* Aligns with inclusivity and accessibility (explicitly required in task 1)

## User Stories

## Use Case Diagram

# System Design

**4 Assessment Mapping:   
This section maps to:**

* *Software Prototype with Documentation (design artefacts)*
* *Video Presentation (design)*

## Context Diagram

## Container Diagram

internal components (e.g., donation module, AI service)

## Component Diagram

web app, database, APIs

## Data Design

ER Diagram / Database Schema

Explain key entities (User, Donation, Item, Category, etc.)

## Interface Design (UI/UX)

Wireframes or mockups of main screens

Accessibility & inclusivity considerations (colour contrast, alt text, layout)

# Implementation Notes

**4 Assessment Mapping:   
This section maps to:**

* *Software Prototype with Documentation (code & repository)*
* Overview of repository structure
* Innovation features (if any)
* Link to GitHub repository and readme.md
* Screenshot of repository commits

# Testing Documentation

**4 Assessment Mapping:**

**This section maps to:**

* *Software Prototype with Documentation (testing)*
* *Video Presentation (testing)*

## Test Strategy

Types of testing performed.

## Test Cases Summary

## Evidence of Non-Functional Requirements testing

## Summary of Results

* Evidence of successful runs
* Issues discovered and resolved
* Reflection on test effectiveness

## Defect report

Include a link to your defect report (you should add this to the project GitHub repository).

Use this template:  
<https://docs.google.com/spreadsheets/d/1ovkIcOcHpchVwkhitYrH7GmAdiqHCUR2LOFM-VzkFyE/edit?gid=0#gid=0>

# Reflection on Legal, Social, Ethical & Professional Issues (LSEPI) (Max 400 words)

**4 Assessment Mapping:   
This section maps to:**

* *Video Presentation (LSEPI section)*

**Script for Video Presentation (LSEPI section)**

# Group Reflection & Collaboration (Max 400 words)

**4 Assessment Mapping:   
This section maps to:**

* *Video Presentation (group reflection)*
* *Evidence supporting Peer Review (10%)*
* Reflection on teamwork, communication, and task division
* Effectiveness of agile practices (sprints, stand-ups, retrospectives)
* How feedback influenced design or implementation
* Challenges team faced and how they were overcome

**This is a Script for video Presentation (group reflection)**

# Incorporation of Formative Feedback

**4 Assessment Mapping:   
This section maps to:**

* *Video Presentation (planning and reflection)*

**4 Assessment Mapping: This section maps to:**

* **Video Presentation (planning & reflection)**

Write here about evaluation of Formative Feedback and Actions Taken in Response to Feedback.

Table 1 - Weekly Feedback

|  |  |  |
| --- | --- | --- |
| Week # | Feedback | Response |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |
| 11 |  |  |
| 12 |  |  |

# 

# AI Transparency Declaration (AITS)

# Appendix A: GitHub Repository

Add here a public link to GitHub Repository.

Include screenshots of commits and insights.

Table 2 - GitHub Usernames

|  |  |
| --- | --- |
| **Student name** | **GitHub name** |
|  |  |
|  |  |
|  |  |

# Appendix B – Supporting Evidence (e.g., meeting notes, agile board screenshots)

# References