

Peer assessment form, Assessment Task 3 - Software design and development

Instructions for submission

1. Write a Summary of Your Contributions

- a. Provide a brief description detailing your contributions to the assignment.
- b. Share this summary with your teammates, and take the time to read theirs as well.
- c. Each team member must sign to confirm they have read and understood each summary.

2. Complete the Allocation Table

- a. Without discussing with your teammates, fill out the allocation table on page 3.
- b. Distribute 100 points among all team members, including yourself, according to the level of contribution you believe each person has made. List yourself first in the table.

3. Submit Your Work

- a. Ensure that you submit the following documents on MyLO in the "Assignment 3: Software Design and Development - Individual component" dropbox:
 - i. A title page showing your name and number of the assignment and your group number/name.
 - ii. The completed peer assessment form and signed acknowledgments.
 - iii. Individual Work Report, which includes the artifacts you have developed only
 1. Extended Use cases with high-level interaction diagrams for both sunny-day and rainy-day scenarios.
 2. System sequence diagrams for each use case
 3. Black box test for each use case
 - iv. Source code that you have individually developed in C# (this may include code you have created in the tutorials for your case study)

Note: Above mentioned documents are mandatory for a complete submission to be assessed.



name & student id : Savani Ravikumar

Group number : 36

Allocation Table

Your Contribution towards the Use case diagram	Contributed to the development of use cases related to bin monitoring, reporting, and feedback management within the Smart Bin Monitoring System, focusing on improving waste collection and sustainability on campus.
Use case you have worked on, written extended versions with high-level interaction diagrams	<p>Component 2: Bin Monitoring and Dashboard</p> <ul style="list-style-type: none"> • Use Case 2.1: View Dashboard • Use Case 2.2: View Bin Statuses on Map <p>Component 4: Report Generation and Feedback</p> <ul style="list-style-type: none"> • Use Case 4.1: Generate Report • Use Case 4.2: Submit Feedback
Your Contribution towards the class diagram	Contributed to designing classes and interactions required for bin monitoring and report generation features.
Sequence diagrams and test cases you have developed	Sequence diagrams for viewing dashboard, viewing bin statuses, generating reports, submitting feedback, viewing feedback, responding to feedback, viewing reports, and viewing notifications. Developed black-box tests to validate system behavior for real-time bin status updates and report generation features under various scenarios.
Your Overall effort as a team member	Actively participated in creating key system components, including extended use cases, interaction diagrams, sequence diagrams, and test cases. Gained insights into designing effective data interfaces for IoT-based waste management.

Team member's signature (acknowledging reading above):

Team member name	Signature
Ravikumar Savani	
Parth Patel	

Efforts distribution (Keep the following information hidden)

Allocate 100 points across all team members, including yourself, in proportion to your perception of their contribution to the assignment.

Put yourself first:

Team member name	Points
Ravikumar Savani	50
Parth Patel	50
Total:	100

If you believe everyone contributed equally, but 100 is not evenly divisible by the number of team members, then split the points evenly and leave the remainder out.