

Swinburne University of Technology
School of Software and Electrical Engineering
Contribution Document

Subject Code: SWE30003

Unit Title: Software Architectures and Design

Assignment number and title: 2, Object Design

Due date: 14th Jul 2024

Tutorial Day and Time: Friday morning

Project Group: 9

Tutor: Dr Le Minh Duc

1. Time spent (*hours*): fill in the time spent on each significant work item in the following table.

Work Item	Ta Quang Tung	Nguyen Quang Huy	Tran Hoang Hai Anh	Phan Sy Tuan
Executive Summary	0	3	0	0
Introduction	0	0	3	3
Problem Analysis	3	0	0	0
Object Design	2	2	2	2
CRC Card	2	2	2	2
Design Quality	1	1	1	1
Bootstrap Process	1	1	1	1
Verification	1	1	1	1
Research	1	1	1	1
Proof-reading	2	2	0	0
Total	13	13	11	11

Description of contributions (each member provides a brief description of their contributions):

Member 1 Name: Ta Quang Tung

Tung is a diligent team leader. His primary responsibility involves breaking down complex problems into manageable tasks and delegating these to each team member. Once everyone has completed their assigned tasks, he consistently provides valuable feedback to assess the quality of their work. He also shows a keen interest in conducting research, discovering relevant articles or books on the subject of the assignment, and engaging the team in discussions about these resources.

Member 2 Name: Nguyen Quang Huy

Huy has been a significant asset to the project, demonstrating responsibility by consistently delivering his work punctually for team review. His enthusiasm for learning from his peers is evident, as he strives to enhance his work to the highest possible standard. This not only shows his commitment to personal growth but also contributes to the overall success of the team.

Member 3 Name: Tran Hoang Hai Anh

Hai Anh is a proactive participant in the team. He consistently strives to complete his assigned tasks prior to each team meeting and actively engages in collaboration with other team members. In meetings, he frequently raises intriguing and sensible questions for discussion. This not only

deepens the team's understanding of the issues at hand but also aids in adjusting the current requirements specification to better match the assignment requirement.

Member 4 Name: Phan Sy Tuan

Sy Tuan plays a crucial role in the team. Besides collaborating on the Design Heuristic and design pattern, he has made substantial contributions to the verification process. Tuan is a regular attendee of team meetings and excels in communicating effectively with the team.

2. Evidence of collaboration / teamwork on each significant work item (eg, discussions, mutual revisions and reviews, etc.):

Throughout this assignment, we have enhanced our teamwork by conducting frequent in-person meetings. We have established a routine of meeting every Wednesday, Monday morning and Friday afternoon to deliberate on the project and make collective decisions. In case of any alterations to the meeting schedule, we ensure continuity by shifting our meetings to Google Meets. Following each meeting, Tung takes on the responsibility of documenting all completed tasks and delegating pending tasks to each team member for completion before the subsequent meeting. Additionally, we have set up a group on Messenger to facilitate discussions and provide a platform for question-and-answer support. This structured approach has significantly boosted our collaborative efforts.

3. Signed by all members:

ID Number	Name	Signature
<u>104222196</u>	<u>Ta Quang Tung</u>	<u></u>
<u>104169507</u>	<u>Nguyen Quang Huy</u>	<u></u>
<u>104177513</u>	<u>Tran Hoang Hai Anh</u>	<u></u>
<u>104072029</u>	<u>Phan Sy Tuan</u>	<u></u>