

Swinburne University of Technology

School of Science, Computing and Engineering Technologies

Contribution Document

Subject Code: SWE30003

Unit Title: Software Architectures and Design

Assignment number and title: 1, Requirements

Due date: 25th February 2024

Tutorial Day and Time: __Tuesday 9:00AM__

Project Group: 9

Tutor: Ms Mandeep Dsindsa

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

Work Item	Tran Quoc Dung	Pham Hoang Duong	Nguyen Thai Son	Nguyen Manh Duc
Introduction		1 hour		
Project Background	3-4 hours			
Problem Domain	2 hour			4 hours
Domain Model	A tutorial session			
Task Descriptions	3 hours	A day	A night	3 hours
Quality Attributes			5 hours	
Possible Solution 1	5-6 hours			
Possible Solution 2				An afternoon

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

Tran Quoc Dung: Team Leader, Project Background, Domain Model, Task Descriptions, Possible Solution 1
Dividing the work and figuring how the requirements specification will be developed.

Pham Hoang Duong: Introduction, Task Descriptions, Domain Model

Nguyen Thai Son: Task Descriptions, Quality Attributes

Nguyen Manh Duc: Problem Domain, Task Descriptions, Possible Solution 2

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

This is the “distribution” .word file that I sent on our group chat for dividing the work

Introduction – Dương

Project Background - Dũng

Overview
Domain Vocabulary
Assumptions
Scope

Problem Domain – Đức

Pain Points
Domain Entities
Actors
List of tasks
CRUD Check

Tasks & Support (mỗi người 2 cái)

Creating and managing customer accounts – **Đức**

Browsing the store catalogue – **Đức**

Managing the shopping cart – **Dũng**

Creating invoices and receipts for customers – **Dũng**

Handling payments securely – **Dương**

Managing goods packaging and shipment – **Dương**

Generating basic statistics on goods sold over various periods – **Sơn**

Updating the available products as new items become available – **Sơn**

Domain Model (làm chung)

– **Sơn phụ trách**

Quality Attributes – Sơn

Usability
Security
Correctness
Reliability (Availability)
Performance

Possible Solutions (2 người)

Possible Solution 1: Website based System – **Dũng**

Possible Solution 2: Application Based System – **Đức**

3. Signed by all members:

ID Number	Name	Signature
<u>103803891</u>	<u>Tran Quoc Dung</u>	<u>Dung</u>
<u>103843282</u>	<u>Pham Hoang Duong</u>	<u>HDuong</u>
<u>103806531</u>	<u>Nguyen Thai Son</u>	<u>ThSon</u>
<u>103792724</u>	<u>Nguyen Manh Duc</u>	<u>ManhDuc</u>
