**COURSEWORK – E-COMMERCE SITE**

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# Analysis

This section will entail the analysis of the problem at hand, describing the process of my solution, and finding what features are requires or wanted by the stakeholders, as well as satisfying what they expect from this solution

## Project Introduction

### Identifying Problem

Previously, my sister and mother had made home-made products, such as crochet animals, knitting and homemade soft toys, who then distributed it to family, relatives and family friends. After becoming more of a hobby, they decided to start selling to people nearby, starting with our neighbourhood. Having seen them spend their time producing these products, and helping transport and deliver these items, I have observed that the process of physically spreading awareness and having a system to log who has bought which item became hard and confusing. The ordering system for these homemade products was inefficient and not worked on.

### Project Definition

For my project, I am planning to make a family-friendly ordering system for homemade products made by family members ; an ordering system similar to Lazada, amazon, or shopee, where you can view products and buy them. I plan to create a user interface which lets them view products through a filter (category based: types of product, price range, alphabetically), and add them to a specific cart. Additionally, users will be able to make an account and log in and log out so that their data is saved (address, contact details, etc)

## Stakeholders

there are three main stakeholders for my website that I will need to consider: my mother, sister, and the general public

### Internal Stakeholders

For my internal stakeholders (the ones who are involved in the creation of my website), I asked them general questions, and more detailed questions.

#### General questions:

#### My mother:

#### My sister:

### External Stakeholder

For my external stakeholders (the general public), I asked for the drawbacks and downsides of currently running e-commerce sites, as well as what they look for when they shop for products (what makes an e-commerce site easy and accessible).

#### My friend ():

## Problem Research and Similar Competitors

## Solution proposal

### Features of Solution

### Limitations of Solution

## Computational thinking

## Success Criteria

Programming project (Component 03 or 04) marking criteria 
AO 2.2 Analysis (maximum 10 marks) 
marks 
The candidate Will have: 
• Identified some features 
that make the problem 
solvable by computational 
methods. 
• Identified suitable 
stakeholders for the 
project and described 
them and some of their 
requirements. 
• Identified some appropriate 
features to incorporate into 
their solution. 
• Identified some features 
of the proposed 
computational solution. 
• Identified some limitations 
of the proposed solution. 
• Identified some 
requirements for the 
solution. 
• Identified some success 
criteria for the proposed 
solution. 
3—5 marks 
• Described the features that 
make the problem solvable by 
computational methods. 
• Identified suitable 
stakeholders for the project 
and described how they will 
make use of the proposed 
solution. 
• Researched the problem 
looking at existing solutions to 
similar problems identifying 
some appropriate features 
to incorporate into their 
solution. 
• Identified the essential 
features Of the proposed 
computational solution. 
• Identified and described some 
limitations of the proposed 
solution. 
• Identified most requirements 
for the solution. 
• Identified some measurable 
success criteria for the 
proposed solution. 
— 70 marks 
marks 
• Described the features that make the 
problem solvable by computational 
methods and why it is amenable to a 
computational approach. 
• Identified suitable stakeholders for the 
project and described them and how 
they will make use of the proposed 
solution and why it is appropriate to 
their needs. 
• Researched the problem in depth 
looking at existing solutions to similar 
problems identifying and describing 
suitable approaches based on this 
research. 
• Identified and described the 
essential features of the proposed 
computational solution. 
• Identified and explained any limitations 
of the proposed solution. 
• Specified the requirements for the 
solution including (as appropriate) any 
hardware and software requirements. 
• Identified measurable success criteria 
for the proposed solution. 
9—10 marks 
• Described and justified the features that make 
the problem solvable by computational methods, 
explaining why it is amenable to a computational 
approach. 
• Identified suitable stakeholders for the project 
and described them explaining how they will 
make use of the proposed solution and why it is 
appropriate to their needs. 
• Researched the problem in depth looking at 
existing solutions to similar problems, identifying 
and justifying suitable approaches based on this 
research. 
• Identified the essential features of the proposed 
computational solution explaining these choices. 
• Identified and explained with justification any 
limitations of the proposed solution. 
• Specified and justified the requirements for the 
solution including (as appropriate) any hardware 
and software requirements. 
• Identified and justified measurable success 
criteria for the proposed solution. 
O marks = no response or no response worthy of credit. 

### OCR success criteria

### My Success Criteria