

PROJECT REQUIREMENT



Informatics Final Project Requirement

1. Must develop an application with significant coding effort.
2. The application must be able to be used by anybody
(Not specific for a certain company).
3. Must have innovation (minimum one different feature from the existing application).

Final Project Structures (Recommendation)

1. Chapter 1 : Introduction
2. Chapter 2 : Literature Study
3. Chapter 3 : System Analysis
4. Chapter 4 : System Design
5. Chapter 5 : System Implementation
6. Chapter 6.: System Testing and Evaluation
7. Chapter 7 : Conclusions and Future Work

If you fail to plan then you plan to fail. Think about it.

HARD DEADLINE	SUBMISSIONS
W1 3-9 June:	Chapter 1 Proposal & Introduction
W2 10-16 June:	Chapter 2 Literature Review
W3 17-23 June:	Chapter 3 Design Analysis
W4 24-30 June:	Chapter 4 UI - UX, Features
W5 1-7 July:	Chapter 5 Project Implementation
W6 8-14 July:	Chapter 6 Implementation Testing
W7 15-21 July:	Chapter 7 Conclusion & Future Work
W8 22 July - 2 Aug:	Presentation



Chapter 1 : Introduction

1.1 Background

1.2 Problem Statement

1.3 Objectives

1.4 Scope and Limitation

1.5 Project Methodology

1.6 Final Project Outline

Additional information may be given

Chapter 2: Literature Review

2.1 Related Work of your FinPro
(optional)

2.2 Algorithm (optional)

2.3 Software (optional)

2.4 Hardware (optional)

2.5 Case Studies related to your work
(optional)

2.6 Remarks

**IF IT IS NOT YOUR WORK, IT MUST BE IN
LITERATURE REVIEW**

Chapter 3 : SYSTEM ANALYSIS

3.1 System Overview

3.2 Function Analysis

Table 3.1 Function Description

3.3 Use Case Diagram 1 Use case

3.4 Use Case Narrative -> Reflect
Function Description

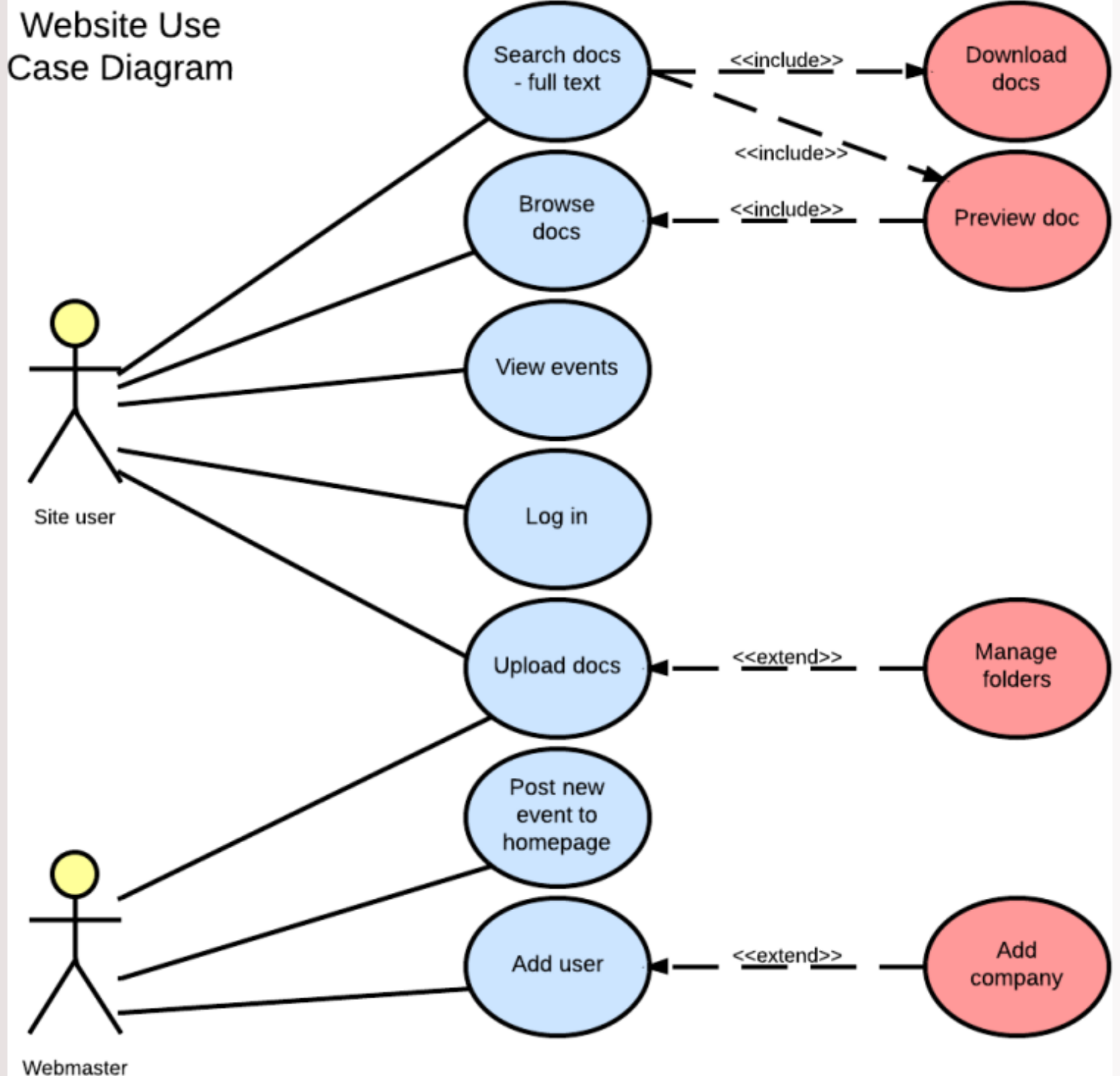
3.5 Swim Lane Diagram -> Reflect
Function Description

3.6 Hardware and Software Requirements

Table of Function Description

No	Function Description
1	Allow the user to access the main page
2	Allow the administrator to verify user to access
3	Allow the user to select the difficulty
4	Allow the user to sort the product
...	Etc etc
10	

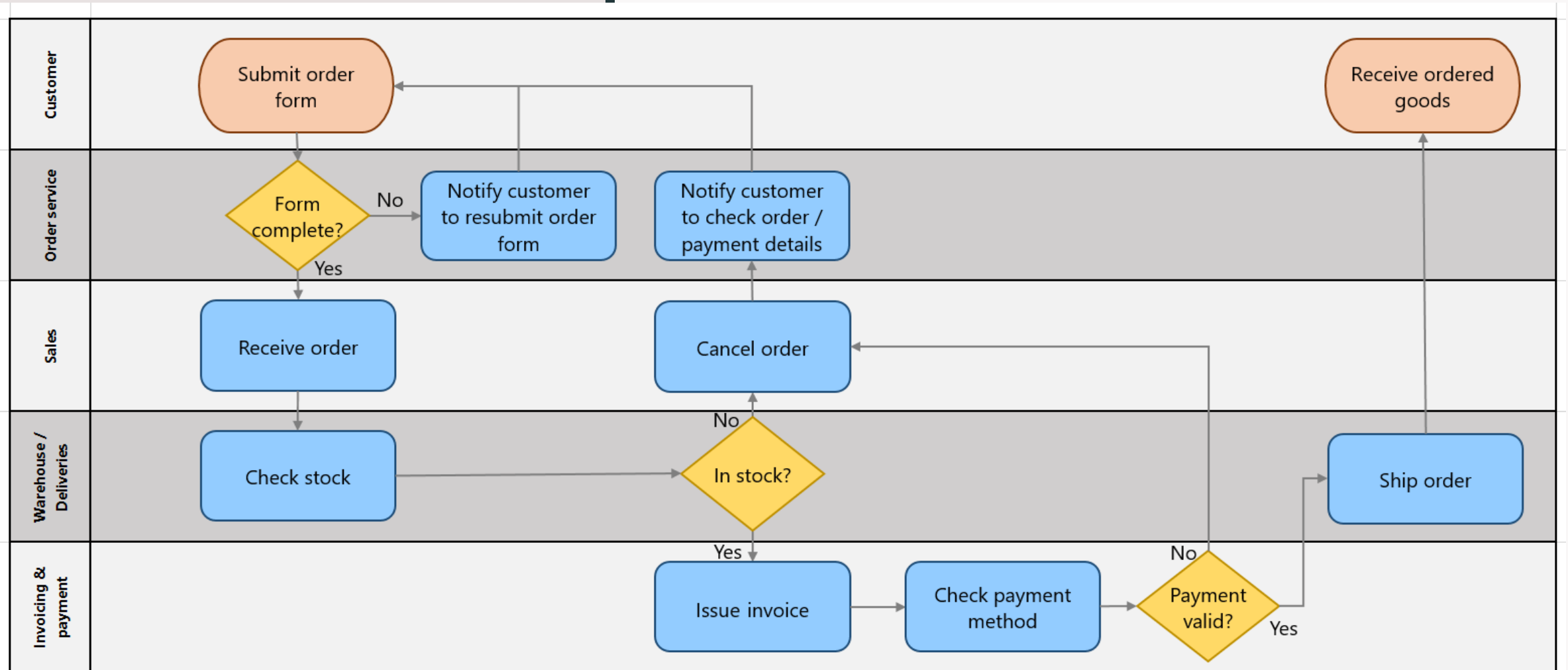
Use Case Diagram



Use Case Narrative

Use Case Name	Access the Main Menu Page	
Use Case ID	UCID-01	
Priority	High	
Primary Business Actor	User	
Primary System Actor	System	
Other Participating Actor	None	
Precondition	User must login	
Trigger	The user click on menu ...	
Typical Course of Event	Action User	System Response
	Step 1:	
		Step 2:
	Step 3:	
		Step 4:
Alternate Course	None	
Post Condition	The user accesses the main menu page	
Implementation Constraints and Specification	None	

Swim Lane Diagram



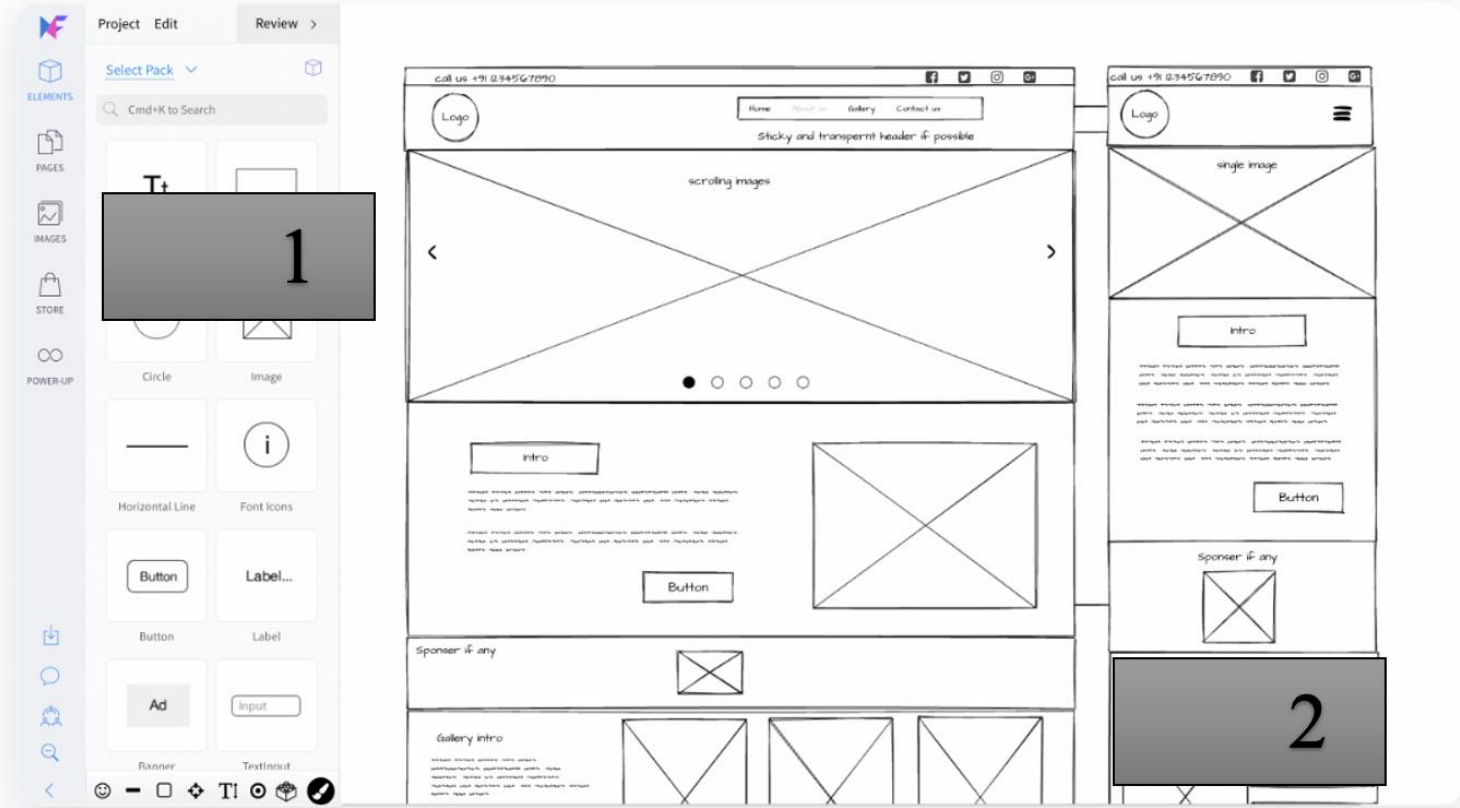
CHAPTER IV: SYSTEM DESIGN

4.1 User Interface Design

**Accommodate UID from the Function
Description**

4.2 Class Diagram

Label Description



No.	Label Description
1	Main Display
2	Right Menu Bar

Table 4.1 Label Description from Figure 4.1

CHAPTER V : SYSTEM IMPLEMENTATION

5.1 User Interface -> Real Implementation

Accommodate UI from the Function
Description, that has been designed in
Chapter IV

5.2 Application Detail -> Codes

Accommodate Codes Explanation

CHAPTER VI : SYSTEM TESTING AND EVALUATION

6.1 Testing Environment

Accommodate testing of the implemented code.

Testing should accommodate all features and all functionality

6.2 Suggest Evaluation OR Concluding Remark

SYSTEM TESTING AND EVALUATION

No	Scenario	Expected Result	Result
	Users can ...	Users can ...	As expected (shows in Figure ...)
	User input wrong Id & pass	Cannot login	As expected

CHAPTER VII

CONCLUSION

AND FUTURE

WORKS

7.1 Conclusion

7.2 Future Works