MACQUARIE University
SYDNEY·AUSTRALIA

DEPARTMENT OF COMPUTING

COMP2750/COMP6750 2022 – ASSIGNMENT TWO (25%)

Applications Modelling and Development
Application Design Project

Wireframes and Mock-ups Presentation
Wednesday, May 18, Wk11, 5 pm (out of 100)
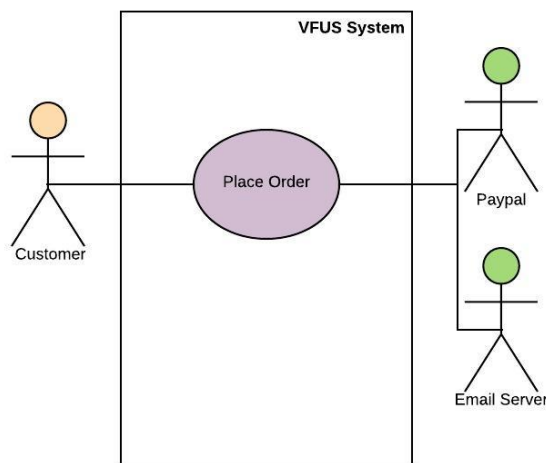
Table of Contents

Overview of Assignment-2

This assignment focuses on transforming the use case to screen designs. You are expected to create wireframes, and an interactive storyboard using mock-ups for the use case provided below. You will be creating a video (5-7 minutes) to mimic a design walkthrough/playback presentation to the client.

Use case

Gaz Oakley, the founder of VFU is looking for a prototype of some screens to get a sense of what the workflow would look like. You have been brought on board to design a few screens and present it to Gaz. You are required to design wireframes and an interactive storyboard for a mobile application for VFUS, based on the use case provided below. There may be some actions that you might not be able to display in the app. However, please think of ways to capture that information

VFUS welcomes customers with a 'Home Screen' that offers customers to place an order.

Use case for Place Order

Use Case	Place Order
Goal	Customer places an order using VFUS
Assumptions	All customer orders are to be shipped to their registered address. Pickup orders are out of scope for prototyping this use case.
Preconditions	Customer has already registered to VFUS Customer is logged in to VFUS

	Customer's PayPal has been already registered to their account and verified
Success End Condition	Order has been placed successfully
	Payment has been processed through PayPal
	A summary of the confirmed order has been displayed
	An email request to Email Server has been sent and a notification is displayed to the customer
Failed End Condition	Order has not been placed
	Appropriate error notification has been displayed
Primary Actors **Secondary Actors**	Customer PayPal, Email Server
Trigger	Customer selects the option to create a new order

Description / Main Success Scenario	Step	Action
	1.	System displays two options (Custom Order, Pre-made Mystery Boxes Order) to customers to place an order
	2.	Customer chooses the 'Custom Order' option
	3.	System displays product listing, which is a searchable list of products (contains the list of vegetables/fruits from the farmer) for that week and the list of products (could be Pasta/Sauce/Nuts) from small businesses.
	4.	Customer clicks on the product item they wish to look into the details of
	5.	System displays details of the product item such as description, image, farmer's details, price per quantity, quantity metric (Like 300 g, 1.5 Kgs) and an option to add to the cart

	6.	Customer adds the product item to the cart
	7.	System displays the cart, an option to confirm the order, an option to update cart, an option to add more items to the order and an option to cancel the order
	8.	Customer confirms the order
	9.	System displays the option to add any comments to VFUS
	10.	Customer adds a comment to VFUS
	11.	System displays the option to pay for the Order
	12.	Customer confirms to pay for the order
	13.	System processes a payment for the total cost with the pre-registered PayPal details
	14.	System receives confirmation that payment has been processed
	15.	System displays the order id, total cost and an estimated date for delivery
	16.	System sends a request to VFUS email server along with the details of order for the email to be sent.
	17	Customer sees a message that an email has been sent with the invoice details
Alternative Flows	**Step**	**Branching Action**
	2.a	Customer decides to choose "Pre-made Mystery Boxes" option

	2.b	System lists all the available Mystery Boxes for customers to choose from
	2.c	Customer clicks on the mystery box, they wish to look into the details of
	2.d	System display approximate weight and quantity of produce inside the mystery box, price of the box, and option to add to cart (Note: Only one Mystery box can be added to the cart)
	2.e	Customer adds the mystery box to the cart
	2.f	Go forward to Step 7 (Customer may choose to add more products on top of the mystery box.)
	3.a	Customer sees an "Product Listing Unavailable Error" alert message
	3.b	Go back to Step 1
	6.a	Customer chooses not to add the product and decides to browse for more products
	6.b	Go back to Step 3
	7.a.1	Customer decides to add more products to the cart
	7.b.1	Go back to Step 3
	7.a.2	Customer decides to update the cart
	7.b.1.2	System displays an editable version of the quantities and products items (Custom Order)
	7.b.2.2	System displays an editable version of the quantities and products items, along with the option to choose other mystery boxes (Mystery Box Order)

	7.b.c	Go back to Step 7
	7.a.3	Customer decides to cancel the order
	7.b.3	Go back to Step 1
	9.a	Customer decides not to add a comment
	9.b	Go forward to Step 11
	12.a	Customer chooses not to confirm the payment
	12.b	Go back to Step 7
	14.a	Payment doesn't go through
	14.b	Customer sees an "Oops! Please try again. Update your PayPal account, if you keep receiving this error message" alert box.
	14.c	Go back to Step 11
	16.a	Request doesn't go through to the Email Server
	16.b	Customer sees an "Email was not sent" alert box.

Task Descriptions

Your tasks for this assignment are as follows. You are required to create a video to present your work. You will have to address the following in your video

1. You are required to discuss the screen designs using a wireframing technique. You can add any form elements you think are appropriate. You can have any number of screens you think would work. You do not have to create a UI Process Flow. Talking about the wireframes will be sufficient. You will have to address both the success scenario and alternate flows using your wireframes.

2. You have to run your mock-up through an interactive storyboard. You will be creating mock-ups for an application on a mobile platform (either Android/iPhone is okay). Your design has to be in sync with the wireframe that you designed. You will only have to present the success scenario.

As you are presenting, you will have to address the choice of your design, for instance, if you have a tab navigation, explain why you have decided to use it, or the choice of colours that you have used in your mock-ups.

How to record the video?

You can share your screen on Zoom and record the video. When you record your video, you will see two options. Please record to the cloud as you will be just submitting a link.

You will have to have your camera on throughout the presentation (Speaker-view mode will be enabled when you share your screen). You may edit your video, if required. You can have a script and read from it as you are demonstrating your work. Please do not record the script in the video as this is only to help you prevent re-recording the video multiple times.

Submission Instructions

In the submission link provided (which is an online text entry), provide the following:

1. Your name, student ID:
2. Presentation Link:
3. Figma Link (optional, but recommended):
4. Any extra comments (optional)