Name: A-79
Student Reference Number:

Module Code: PUSL2021	Module Name: Computing Group Project

Coursework Title: project proposal

Deadline Date:	Member of staff responsible for coursework:

Programme: BSc (Hons) Software Engineering

Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.

Gardiyehewa Fonseka: 10899518   Welapura Padmasiri: 10899641

Sooriyabandara Sooriyabandara: 10900372   Hanshini Weerakkodi: 10899723

Pana Nimnanjalee: 10899638   Hewadu Jayaweera: 10900378

We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations. We confirm that this is the independent work of the group.

Signed on behalf of the group:Nimnanjalee

Individual assignment: *I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.*
Signed:

Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.
I *have used/not used translation software.If used, please state name of software………………………………………………………………………………

Overall mark _____%   Assessors Initials _____   Date_____

GROUP 79

SUBA SHOE FASHION WEBSITE

Group Details

Name	Index No.	Leadership
Gardiyehewa Fonseka	10899518	Planning leader
Pana Nimnanjalee	10899638	Project and group leader
Hewadu Jayaweera	10900378	Technical leader
Welapura Padmasiri	10899641	Testing and maintenance leader
Sooriyabandara Sooriyabandara	10900372	Programming leader
Hanshini Weerakkodi	10899723	Quality leader

Module: PUSL 2021 Computing Group Project

Group Number:79

Lecturer: Mr. Pramudya Thilakarathne

Project Content

Request requested by the client:

She asked us to create a website to advertise her business and get orders for sandals from anywhere in Sri Lanka.

Information collected through observation:

➢ People living around the business come to buy more sandals.
➢ She makes sandals and gives them to those who ask for them.
➢ She is very friendly with customers.
➢ Customers can ask to have creative sandals made to fit them.
➢ She sells sandals at very affordable prices.
➢ Making the most unique sandals for occasions like weddings.
➢ Manufacture of women's footwear only.
➢ If the sandals made by her break, she would make them again.

Unique decisions based on observation:

Allowing the customer to easily order the sandals by showing a photo of the two sandals they want on the website.

Making it possible for the customer to search for the shoes using the desired color.

Building the website allows the shoe supplier to advertise to other businesses.

Setting up direct contact with the shoemaker with the customer.

Overview:

The client asked us that he needed a website to promote his footwear business throughout Sri Lanka. When we observed, we saw that people around the business come more to buy shoes and customers who heard from some people sometimes come from far places to buy shoes. Then we decided to produce a website that meets the needs of the client as well as the customer. It is not only marketing but also sending photos and order details to the shoemaker so that the shoes can be made according to the customer's wishes, and it is our hope to develop this website to express ideas about it. The shoemaker can approve or not approve deliver the order, and hopefully the shoemaker will receive more orders. Also, we hope to set up category wedding, heel, flat, kids, related pages on the website. Also, the customer can easily choose their shoes using colors. We are ready to process this using computer languages like HTML, JAVA script, PHP, CSS. And we try to set up this website so that our client can get more additional income by posting ads on other businesses. Our goal is to create a website that matters to the customer and client. Our goal is to create a website where the customer can not only find the right pair of shoes by color and height, but also create a unique design for themselves and maintain their account. It should be easy for our client to display the discounts he offers here and for customers to see them. Web users are business owner and consumers, but there are several target users here. Fashion lovers who are interested in the latest shoes and new styles should have a webpage with modern designs and a brief description of the design and a line of footage to prove it right. It is mandatory to present the information about the place of manufacture of footwear on the website for local customers. Wholesalers and retailers should have a section or separate web page to inquire about wholesale orders and pricing.

Website security is a critical aspect of any online platform and should be a priority when developing a website. The level of security required by a website depends on several factors, including the nature of the business, how data or transactions are processed, and the threats it may face. However, protecting data from other competitors is a matter of responsibility.

We have taken special security measures to create this site. It is especially important to use encryption (e.g., SSL/TLS) to protect data during transmission, especially when saving users' personal data, payment data, etc.

We intend to implement strong user authentication mechanisms, such as multi-factor authentication (MFA), to prevent unauthorized access to user accounts.

PROJECT OBJECTIVES:

Widespread Promotion:

The primary objective of this project is to create a website that will promote our client's footwear business across Sri Lanka as well as worldwide. By leveraging the digital platform, we hope to extend the reach of the client's business beyond her immediate local customer base to include customers from far-flung areas looking for her quality footwear.

Improving customer experience:

Our goal is to provide a user-friendly experience for the customer. This includes the ability for customers to easily order by sharing photos and specific design details, ensuring that each pair of sandals is tailored to their liking. The option for the shoemaker to approve or reject orders is an element of collaboration and the customer can comment.

Classification and product traceability:

To streamline the customer's search for the perfect pair of sandals, we plan to create separate pages on the website, categorizing footwear into categories such as wedding, heels, flats, and kids. The inclusion of a color-based search system adds convenience and efficiency to the user experience.

Technical Implementation:

Project objectives include developing a robust, functional, and visually appealing website using computer languages such as HTML, JavaScript, PHP, and CSS. This website not only displays the products effectively, but we try to set it up to operate very safely.

Additional sources of income:

We aim to create a space for advertising opportunities by allowing other businesses to advertise on the site. This not only gives our client a means of generating additional income but also supports local businesses and can attract a wider audience to the site.

TARGET USERS

Local and Distant Customers:

Residents who regularly visit the client's physical store and distant customers who have heard about the business and seek to purchase quality sandals. These users are looking for customized, affordable, and creatively crafted footwear.

Fashion lovers:

Fashion savvy people who are interested in the latest shoe trends and unique designs belong to this category. They are looking for trendy and stylish footwear, and the app connects with detailed descriptions and visuals of the client's offerings.

Advertisers:

This includes businesses looking to promote their products or services to a targeted audience. They can use the app's ad space to reach out to potential customers who are interested in footwear and related products. This is a valuable opportunity for them because having the details of several businesses in one place will attract those consumers to own businesses.

Wholesalers and Retailers:

This includes individuals or businesses interested in becoming the client's footwear wholesale or retail partners. The app offers a dedicated web page for bulk orders and price inquiries.

Client/Shoemaker:

The client, a shoemaker, uses the app to promote her business and take orders from customers. She can also interact with customers, approve or reject orders and manage the online store.

App Features and Details:

Geographic Promotion:

We hope to make the app a powerful marketing tool that promotes the client's footwear business across Sri Lanka as well as worldwide. It allows users from different regions to access and connect to the client's products and services, expanding the customer reach of the business.

Order Customization:

Customers can customize their orders by uploading photos and providing specific design details. This feature fosters a collaborative and personalized shopping experience, ensuring that each pair of sandals is tailored to the customer's preferences. The shoemaker has the option to approve or reject those orders.

Classification and Product Pages:

The app organizes the footwear inventory into separate pages, categorizing products into categories such as wedding, heels, flats and kids. This simplifies the user's search process, allowing them to effortlessly explore and choose from a wide range of options.

Searching for color bases:

Customers can easily find their desired pair of sandals by using a color-based search function. This feature enhances the user experience by enabling quick and efficient browsing, helping customers find the perfect match to their preferences.

Technical Implementation:

The application is built using modern web development technologies including HTML, JavaScript, PHP, and CSS. This ensures that the website not only looks good but also runs smoothly and securely, creating a seamless online environment for users.

Advertising Opportunities:

The platform includes spaces for advertising opportunities, allowing other businesses to promote their products or services. This not only benefits the client by generating additional revenue but also expands the user base and supports local businesses.
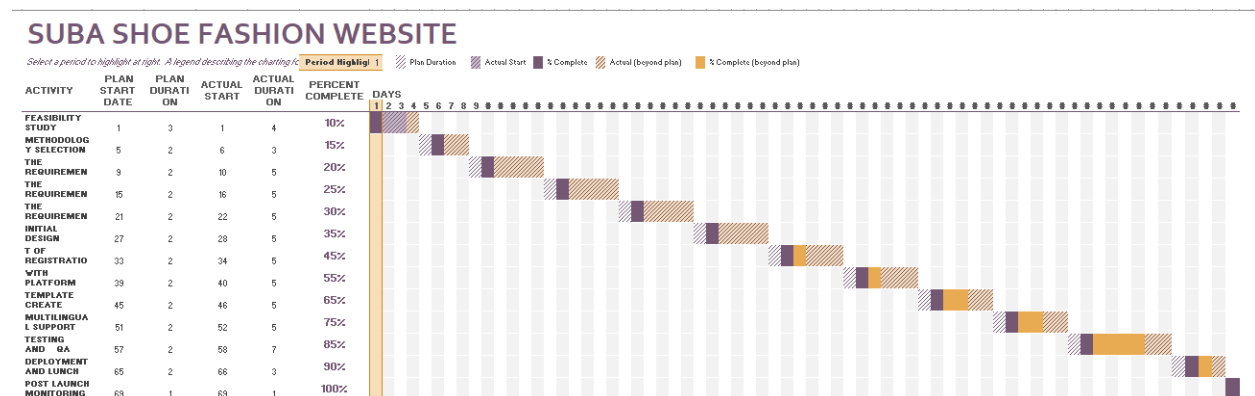
GANTT Chart / Time Plan

Time plan:

https://trello.com/b/4ZA7YEC8/79-group-project-se

GANTT Chart

https://liveplymouthac-my.sharepoint.com/:x:/g/personal/10899638_students_plymouth_ac_uk/ESjdJjIcIvxFvCiUNHfehCcB6kdlR76XuUPSUGAZwKwzcg?e=8fugPa

SUBA SHOE FASHION WEBSITE

ACTIVITY	PLAN START DATE	PLAN DURATION	ACTUAL START	ACTUAL DURATION	PERCENT COMPLETE
FEASIBILITY STUDY	1	3	1	4	10%
METHODOLOGY SELECTION	5	2	6	3	15%
THE REQUIREMEN	9	2	10	5	20%
THE REQUIREMEN	15	2	16	5	25%
THE REQUIREMEN	21	2	22	5	30%
INITIAL DESIGN	27	2	28	5	35%
T OF REGISTRATIO	33	2	34	5	45%
WITH PLATFORM	39	2	40	5	55%
TEMPLATE CREATE	45	2	46	5	65%
MULTILINGUAL SUPPORT	51	2	52	5	75%
TESTING AND QA	57	2	58	7	85%
DEPLOYMENT AND LUNCH	65	2	66	3	90%
POST LAUNCH MONITORING	69	1	69	1	100%

Although this is our plan, due to certain reasons,These intervals may vary depending on the setting.