**Project Deliverable 1 – Project Proposal**

**Faculty Name:** Information Technology

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**Module Name:** Web Development and e-Commerce

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| **Project Title** | Deliverable 1 |
| **Submission Date** | 08 March 2024 |

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# Introduction

The client is Lukhanyo.The e-commerce site will be for his artwork business which specializes in selling portrait abstract painting and construction of thought-provoking imagery that can be interpreted in numerous ways. The business is called Deli.Asla. Currently his online presence is only an Instagram page where he posts his art and clients find him through this page. Another venue of acquiring customers is through the traditional word of mouth.  
  
His desired outcome would be to move his whole entire operation to rely on an e commerce model and use the Instagram page as more of a means for advertisement, engaging with clients and all the vast benefit that come with having a social media page for your business.

# Needs/Problems

* The need to have a ecommerce shop emerged recently when he found out about the impact of having a business online such as increase in sales, better customer engagement, reduction in operational expenses and access to a broad range of customers.
* The problem was never addressed until now.
* Economic loss-the success of the business is good for the local community as this can be another opportunity to employ people. This problem has impacted the target population and surrounding populations.

# Goals/Objectives

* Ensure the site can increase the revenue of the business in a significant way-for this to be truly considered a success the e commerce must be able to produce the results that come with it that is increase in revenue. If this goal is not achieved, then the project was also a failure.
* Secure online transaction-as e-commerce has improved there also has been an increase in online transactions scams. Preventing scams being used on our customers is amongst our to priorities.
* Can handle high volumes of traffic-the added advantage in having a site that can handle high volumes of traffic is that the site won’t go down causing loss of revenue and disgruntled customers.

# Procedures/Scope of Work

The proposed procedures are not yet available. The website will be tested using the best practices known to the industry. The actual work required will only be fully known during deliverable 2. Training will be exhibited during the presentation. Further training can be arranged.

# Timetable

|  |  |  |
| --- | --- | --- |
|  | **Description of Work** | **Start and End Dates** |
| **Deliverable 1** | Client requirements and project proposal | 12/02/2024-07/03/2024 |
| **Deliverable 2** | Develop two prototypes of the e-commerce website as documented in deliverable 1. Prototypes will show compatibility with a variety of gadgets e.g. phones, tablets and desktops. The client will have final say. Include in this deliverable will be Class Responsibility Collaborator, Enhanced Entity Relationship, EERD, Context Diagram, Data Flow Diagram, Use Case Diagram and Database Design which will show data to be stored and the relationship between different | 12/08/24-21/05/2024 |
| **Deliverable 3** | to present the final project to my lecturer(s). The final project, with all the requirements specified in Deliverable 1 and a user manual (Deliverable 3) will be hosted using free/paid hosting sites. | 21/05/2024-03/06/2024 |

A screenshot of a computer

Description automatically generated

# Budget

|  |  |  |
| --- | --- | --- |
|  | **Description of Work** | **Cost (R)** |
| Deliverable 1 | Transport to client place of business | 500 |
| Deliverable 2 | Lucid software subscription | 190 |
| Deliverable 3 | Hosting fee, presentation software fee | 400 |
|  | Total | 1090.00 |

# Key Personnel

|  |  |  |
| --- | --- | --- |
| **Stakeholders** | **Lukhanyo [Company: Deli.Aslan]** | **Contact Details** |
| Client | Lukhanyo Ngxeke | 066 009 8473 |
| Sponsor | Tanaka and Lukhanyo | 069 157 4486 |
| Project manager | Faith | 071 677 9385 |
| Team | Tanaka Augustine Zuze, Simthandile Chilli | |

# Conclusion

Design and code an e-commerce capable of making secure online transactions. Get input from client during deliverable two and produce a site as per the client’s requests.

# Sign-off.

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| --- | --- | --- | --- |
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| [Lukhanyo], Project Client  Date:2024/08/07 |  |  | [Faith], Project Manager  Date:2024/03/07 |

**1.10 Bibliography**

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