**ALL WORK DONE FOR INFOCUS STUDIO LTD**

**# Infocus Studio Ltd - Photography and Videography Application**

Welcome to the **Infocus Studio Ltd project** repository! This project aims to develop a comprehensive solution for managing photography and videography services offered by Infocus Studio Ltd. The solution includes both a web application and a **USSD application** to cater to clients with and without internet access.

**## Features**

**- \*\*User Registration\*\*:** Clients can register their details to access the services.

**- \*\*Order Placement\*\*:** Clients can request and order photography and videography services.

**- \*\*Payment Processing\*\*:** Integration with a payment gateway for online payments.

**- \*\*Confirmation Messages\*\*:** Clients receive confirmation messages upon successful order placement and payment.

**- \*\*Authentication\*\*:** Secure login and logout functionality for clients.

**## Technologies Used**

- \*\*Flask\*\*: Python web framework used for backend development.

- \*\*MySQL\*\*: Relational database management system for data storage.

- \*\*Flask-USSD\*\*: Flask extension for developing USSD applications.

- \*\*HTML/CSS/JavaScript\*\*: Frontend technologies for the web application.

- \*\*Payment Gateway API\*\*: Integration with a payment gateway for processing payments.

## Setup Instructions

1. Clone the repository: `**git clone https://github.com/jadojadox01/infocus\_studio\_system.git`**

2. Install dependencies: **`pip install -r requirements.txt`**

3. Set up MySQL database: Create a new database named `**infocus\_studio**` in XAMMP **Phpmyadmin**

4. Configure Flask: Set up Flask configuration in `config.py`.

5. Run the Flask web application: `python app.py`

6. Deploy the web application to a suitable hosting environment.

**## USSD Application**

The USSD application complements the web application by providing access to clients without internet access. It offers similar functionalities through a text-based menu system.

**- \*\*USSD Framework\*\*:** Flask-USSD is used for developing the USSD application.

**- \*\*Session Management\*\*:** Sessions are used to maintain user data across USSD interactions.

**- \*\*Error Handling\*\*:** Basic error handling is implemented to guide users through the USSD menus.