**Application of Information and**

**Communication Technologies.**

Semester Project Building a website by

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**Introduction:**

Welcome to our semester project! In this hands-on experience, we will create a simplified version of OLX, an online marketplace, providing you with practical exposure to crucial tools and technologies in web development. Throughout the project, we will utilize Figma for planning, apply software engineering principles, and work with HTML, CSS, JavaScript, and GitHub.

**Purpose:**

The purpose of creating the OLX clone is to establish a user-friendly online marketplace that facilitates the buying and selling of used items. The platform aims to provide a convenient and accessible space for users to trade goods, contributing to a sustainable and cost-effective consumer economy.

**Defining the Target Audience:**

Target Audience: Individuals interested in buying or selling used items.

Sellers: Individuals looking to declutter their homes or sell items they no longer need.

Small businesses or entrepreneurs seeking a platform to showcase and sell their products.

Buyers: Bargain hunters searching for affordable and pre-owned items.

Eco-conscious consumers interested in sustainable shopping practices.

Community: Local communities and neighborhoods looking for a platform to exchange goods within their vicinity.

Users who prefer a peer-to-peer marketplace for a personalized and community-driven experience.

Collectors and Enthusiasts: Collectors seeking specific items or rare finds.

Hobbyists and enthusiasts interested in niche markets for specialized products.

Budget-Conscious Users: Students and individuals on a budget looking for cost-effective options.

Shoppers who prioritize value for money in their purchases

**Project Requirements for Project (OLX):**

* User Authentication
* Functionality
* Product Listings:
* Attributes: Each product listing should include a title, description, images, category, price, and contact details.
* Search and Filters:
* Search Functionality: Users can search for products based on keywords.
* Filter Options: Include filters for category, location, price range, and date posted.
* User Profiles:
* Notifications: Notify users about new messages and interactions.
* Location-Based Features: Enable location tagging for product listings.
* Terms of Service and Privacy Policy: Provide clear terms of service and privacy policy.

Figma Link: <https://www.figma.com/file/fN4qeek4WseY7l6juBNc31/Untitled?type=whiteboard&node-id=7%3A4412&t=FLNhtSKlXFq02lin-1>