DIM – Digital Ink Market
(Project Proposal)

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Program: Internship Program (Batch-02)

Course: Front-End Development

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1. Abstract

In this era of technological advancements, all types of businesses are rapidly moving towards web-based platforms. The field of graphics and printing is also shifting from local business to online marketplace, and multiple platforms are available separately for designing, editing, printing, and freelancing services for designers. The project being proposed will be a unified system for designers, customers, and printing vendors, where users can create designs, hire designers and buy custom-printed products from different vendors.

2. Project Scope

DIM – Digital Ink Market will be a web-based application that will provide printing and designing services on a unified platform. It will be used by customers, graphic designers and printing vendors. This platform will serve as an online marketplace for printing graphic designing related businesses.

The printing vendors will register themselves as a vendor on this platform and will list their printing services. These printing services may include customized printed merchandise and promotional stuff such as printed T-shirts, Coffee Mugs, Key-chains, Office items etc. While customers will be able to buy these products from the printing vendors.

The user will also be able to register as a designer to start providing graphic designing services. The designers will be able to upload and sell their artwork using this platform. The designer will be able to create their designer profile containing a portfolio of their artwork and service packages.

The customer will be able to search and buy products from multiple printing vendors as well as artwork and services of different graphic designers on this platform. The customer can select any product or service to get the complete description about it and can buy the product or service by making an online payment using a credit card.

If the customer selects a customizable printing product, the system will allow the customer to upload or select saved images that will be printed on the selected

product. The user will also be able to preview 3D model of customized product before placing order.

The system will provide a design maker tool that will facilitate the user to create a new design from scratch or by customizing existing available design templates. Created designs will be saved in the user profile.