**Project: ESPARTA Prototypes**

Overview: This document outlines the prototypes that will be developed by the end of the semester for ESPARTA, including their objectives, features, and expected completion dates.

**Prototype 1**: User Registration and Profile Creation

Objective: Develop the user registration and profile creation feature to allow artists and buyers to create accounts and manage their profiles.

**Features:**

Registration form with validation of fields.

User profile creation which includes the details of the users both artists and customers like Name, phone number, email and address.

User authentication and authorization.

**Prototype 2:** Artwork Upload and Management

Objective: Enable artists to upload images of their artwork and manage their artwork listings.

**Features:**

Artwork upload form which will have the details like what type of art it is and details of the artist created that.

Image compression for optimized storage.

Artwork management interface for artists where artists can add or remove their existing art work.

**Prototype 3:** Search and Discovery

Objective: Implement a basic search and discovery system for users to find artwork.

**Features:**

Search bar which filters the arts based on the search query.

Search results page. (Filtered results from the search query are displayed over this page)

Artwork details page.(Below the art we will have a button which shows a popup when clicked on with all the details of the art work)

**Prototype 4:** Shopping Cart and Checkout

Objective: Create a shopping cart and checkout process for buyers to purchase artwork.

**Features:**

Shopping cart functionality where user can add or remove the selected arts from the cart.

Secure online payment integration.

Order confirmation (User will receive a confirmation email of their purchased activity).

**Prototype 5:** Messaging System

Objective: Develop a messaging system for communication between artists and buyers.

**Features:**

Messaging interface where customers can interact with artists.

Message history contains all the previous conversations between both of them.