# **PIICHKARI (ONLINE PAINT EDITOR)**

# **Project Proposal**

**Course: SE 505 Software Project Lab II**

# Submitted to

**Manager SPL 2**

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# **Chapter 1: Introduction**

This is an online painting tool. This web application is entitled to the name “Piichkari”. People can use this application to paint and save their painting. They can have their own account and create multiple albums of their artwork.

## **1.1 Background**

People who are interested in painting can use this application to create their own masterpiece. They can easily access to their own account and they can also search for other members’ artwork. Any user can make her own album and like and comment on other members’ painting.

## **1.2 Objectives**

* To provide a platform for painting
* To give users a facility to create their own album of artworks
* To provide a facility to give like and comment in other members’ artworks
* To enable a user to search other members’ artworks
* To enable users to download their pictures

## **1.3 Rationale**

* To utilize our knowledge about SRS
* To increase our knowledge OOP, web technology and database in this project

## **1.4 Scope of Development**

The scopes of this project are-

* Members can save their pictures in image format
* Members can comment others’ pictures without nested comments
* Mobile interface for this web application is out of scope

## **1.5 Description of Stakeholders**

We identified the following stakeholders for our project. They are:

1. Admin

2. User

3. Developer

**1. Admin:** Admin will handle all the server side activities. They can get their necessary information from the users but cannot modify them.

**2. User:** They will use the application. They can draw in their canvas and save their picture in their own account and create their own album. They can search other users and their pictures. They can also give like and comment other users’ picture.

**3. Developers:** Developers are one of the stakeholders because they are also affected by this system. They develop this system and work for further development. If there occurs any system interruption, they will find the problem and try to solve it.

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# **Chapter 2: Project Description**

With this application, people can register to be a member, draw in a canvas, save it in their album and search for other members’ drawing. The admins will be provided a separate interface.

## **2.1 Features**

The features of the application will be-

* **Creating an account for the members:** The user who wish to draw or paint in the canvas will have to register first. They will be given a registration form. After registration, the users have to login first whenever they want to use it.
* **Providing a canvas to draw,edit and paint:** Members will be given a canvas where she can draw, and paint. Members can also edit their pictures.
* **Creating an album of pictures:** Members can create an album of their own pictures. They will have to name the album.
* **Searching other members:** One member can search other member’s profile.
* **Giving like and comment in other members’ artwork:** One member can give like and comment in other member’s pictures if they are public.
* **Providing a separate interface for the admins:** If a member logs in to the system as admin, a separate interface will be shown for admin.

## **2.2 Required Languages**

Required languages to develop this application are-

* HTML
* CSS
* JavaScript
* PHP
* MySQL

Besides, we will also use some libraries and framework.

## **2.3 Deliverables**

Deliverables of this project are-

* SRS documentation
* Web application