
Software Requirements Specification

For

IMAGESCAVE

Link for web: <https://imagescave.com/>

Version <1.0>

Domain Name: imagescave.com

M.R.P.N.Tharuksha 200019401866 nuwangerajapaksha@gmail.com 0713848592
Rajapaksha

Instructor: DR.Janith Chandrakantha

Course: PROFESSIONAL DIPLOMA IN SOFTWARE
ENGINEERING

Batch: Griffins

Teaching Assistant: DR.Janith Chandrakantha

Date: 28th of March 2021

Contents

Introduction	3
Document Purpose.....	3
Product Scope	3
References and Acknowledgments	3
Overall Description	4
Software Perspective	4
Users and Characteristics	4
Operating Environment <Optional>.....	4
Specific Requirements	5
External Interface Requirements	5
Functional Requirements	6
Behaviour Requirements.....	7
Other Non-functional Requirements	8
Performance Requirements	8
Safety and Security Requirements	8
Appendix A - Group Log	8
Screenshots	9

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 2 of 15
SUBJECT	:				

Introduction

This IMAGESCAVE web application is designed to buy and sell images (Photos & Illustrations) over the Internet.

Document Purpose

Wedding photographers, Event photographers have many ways to sell their photos. But Landscape, Street, Nature, wildlife, architecture photographers and Illustration artists have only a few ways to sell their photos. The main purpose of the IMAGESCAVE web application is to create a comprehensive platform for selling their creations.

The other main purpose of the IMAGESCAVE web application is to create a way for people looking for images for a variety of purposes to easily meet those needs and wants.

The purpose of this document is to discuss how to create an IMAGESCAVE web application to meet these objectives.

Product Scope

The purpose of this IMAGESCAVE web application is to give designers the opportunity to sell their Images (Photos & Illustrations) over the Internet and buyers the opportunity to purchase the Images (Photos & Illustrations) they want.

Accordingly, you can sell Photos & Illustrations through the IMAGESCAVE web application. And for that, you can get high demand and value all over the world. Also, IMAGESCAVE web application users can get the Photos & Illustrations they want at a reasonable price.

The IMAGESCAVE web application profits from these activities, as an intermediate profit between transactions, and through advertising.

References and Acknowledgments

<https://www.shutterstock.com/>

<https://stock.adobe.com/>

<https://wallpapercave.com/>

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 3 of 15
SUBJECT	:				

Overall Description

Software Perspective

This web application is designed to target the image market.

The IMAGESCAVE web application has three main interfaces. It's the Home Page, the Contributor Dashboard, and the Admin Panel. The Home Page is the first thing that is displayed to anyone who visits this web application. Design sellers can add their creations to the IMAGESCAVE web application through the Contributor Dashboard. The Admin Panel allows admins to manage this web application.

Links to the Contributor Dashboard and Admin Panel via the Home Page.

Users and Characteristics

- Contributors (Sellers)
- The peoples who use this application(Buyers)
- Admins

Contributors can sell their Photos & Illustrations and earn money. They can upload new Photos & Illustrations to the web application.

Buyers search for Images, buy them and achieve their image goals. They can submit suggestions and complaints about the web application.

Admins can control Contributors, Buyers, and Images. Admins also set the price of Images. Admins have the ability to select and remove Contributors, Buyers, and Images.

Operating Environment <Optional>

Operating system: windows / iOS / Mac OS

Database: SQL (MySQL)

Languages: HTML, CSS, JAVA SCRIPT, PHP

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 4 of 15
SUBJECT	:				

Specific Requirements

External Interface Requirements

User Interfaces

Screen Name	Description
Home page	The main page that first appears when a web application is accessed.
Contributor Dashboard	This is the page that allows design vendors to add their creations to this web application.
Admin Panel	Admins manage this web application from this page.
Login Forms	Pages that allow buyers, contributors, and admins to log in to their respective pages.
Registration Forms	Pages that allow buyers, contributors, and admins to register.
Profiles	Pages that show buyers', contributors', and admins' data.
Search Pages	For buyers, pages that search for the images they want.
Product Report	Pages containing all data about Images (Product).
Seller Report	Pages containing all data about Contributors
Sales Report	Pages that contain all the data about sales.
Invoice	When a buyer buys an image, the page that displays the invoice and allows it to be printed.
Product Upload Panel	This is the page that allows uploading images to the web application.
Product Details Upload Panel	This is the page that allows uploading image details to the web application.
Suggestions Complaints	About the web application, Suggestions & Complaints page.
View Products	The page that shows information about an image (Product) and allows a buyer to purchase that image.
Payment Methods	In order to purchase an Image (Product), The page where the buyer's payment information should be entered.

Hardware Interfaces

The IMAGECAVE web application works as an online application on the Internet.

Software Interfaces

The IMAGECAVE web application runs on using MySQL and phpMyAdmin.

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 5 of 15
SUBJECT	:				

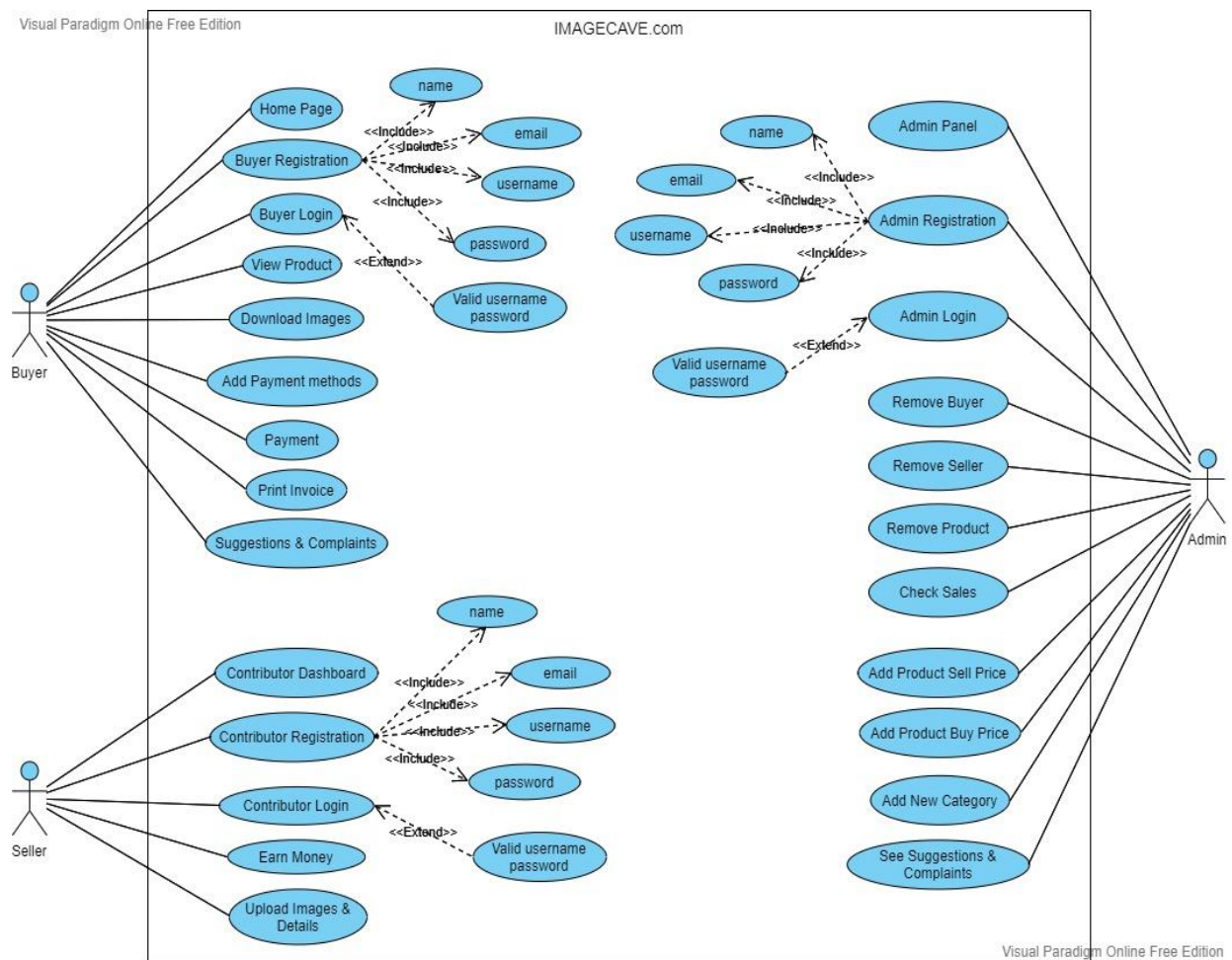
Functional Requirements

- Buyer, Contributor, Admin Registration
- Buyer, Contributor, Admin Login
- Buyer, Contributor, Admin profile update
- Search different kinds of images
- Download images
- Add payment methods
- Check out downloads
- Pay for images
- Print invoice
- Upload images and image details
- Earn money
- Suggestions Complaints
- Remove Buyers and sellers
- Add new Categories
- Add image buy price and sell price

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 6 of 15
SUBJECT	:				

Behaviour Requirements

Use Case View



REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 7 of 15
SUBJECT	:				

Other Non-functional Requirements

Performance Requirements

Performance requirements explain allowable reaction times for system functionality. Although the system is developed matching for the least system performances, the performance of the system will heavily rely on the performance of the software and hardware components of the installing computer. When considering the timing of the system the load time for user interface screens shall take no longer than two seconds. It makes fast access to system functions. The log-in data shall be verified within three seconds causes' productivity of the system.

Going back to query results within three seconds makes the search function more accurate.

Safety and Security Requirements

Safety Requirements

The IMAGECAVE web application has three user stages: Buyer, Contributor, and Admin. Before proceeding, all three parties must provide a username, password, and their data and register in this web application. Accordingly, before Buyers can download images before Contributors can sell their designs, and before Admins can enter the Admin Panel, they must provide a username and password to access the web application. This secures access to most subsystems. It presents various ideas and accessible functions at the user stage through the web application. Backup maintenance ensures the security of the system database. The system can be reinstalled in any emergency.

Security requirements

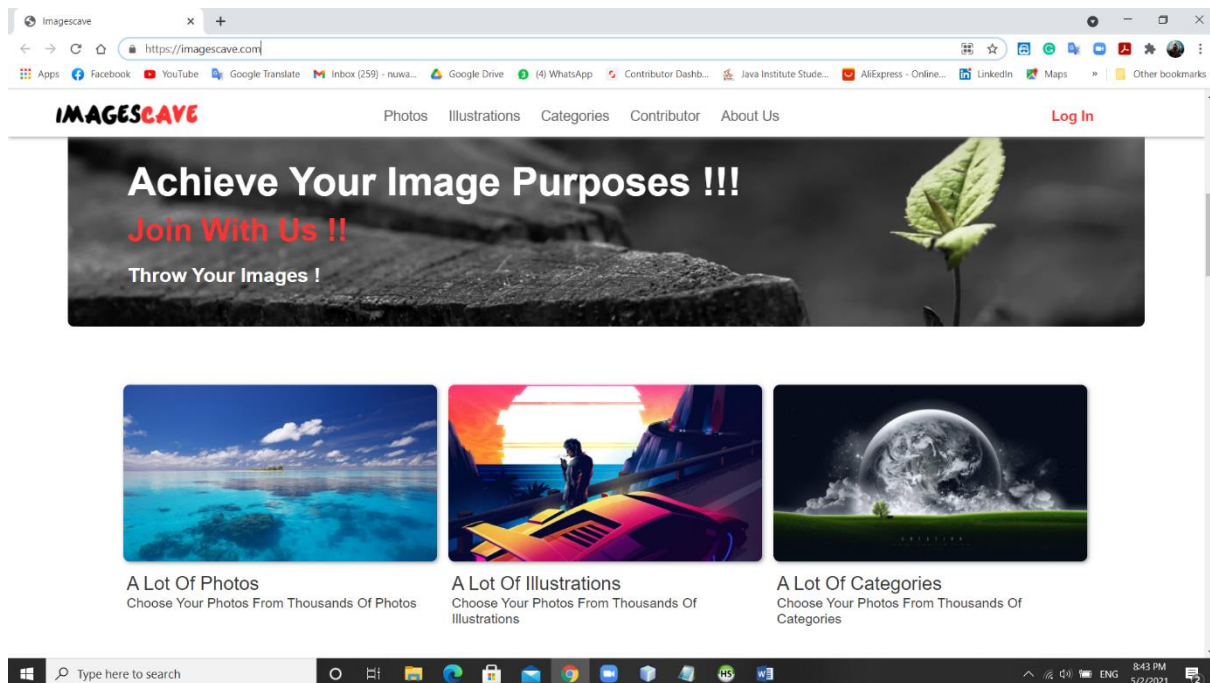
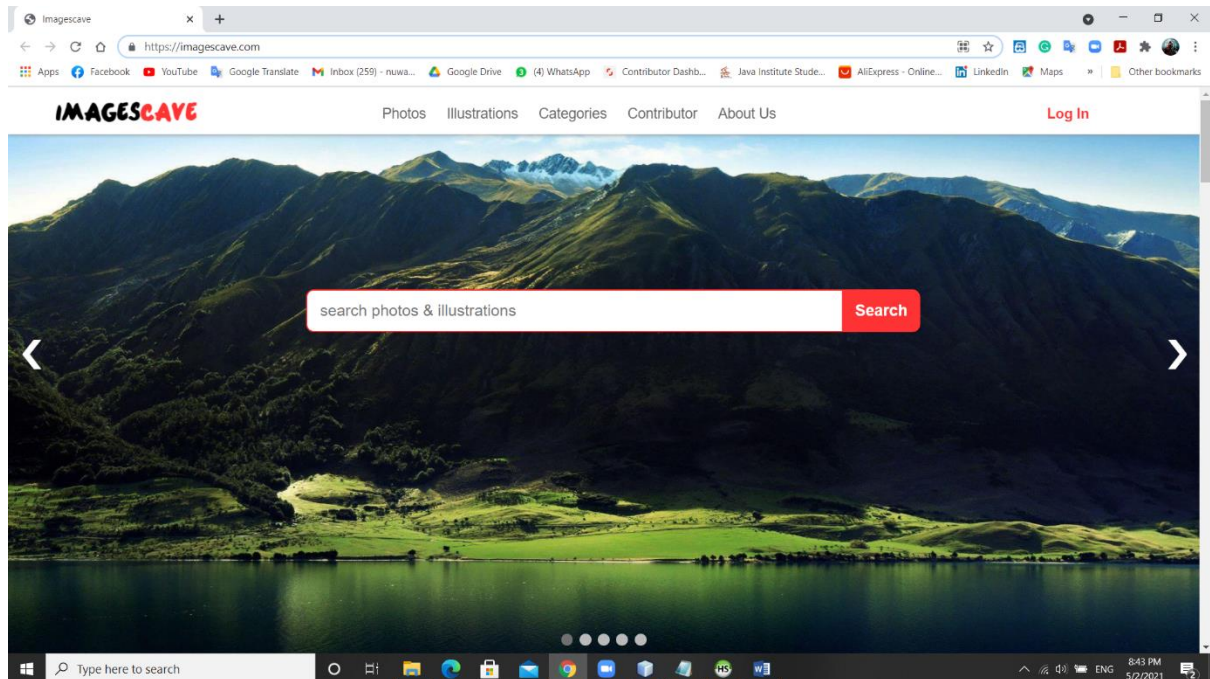
Only Admins can access the Admin Panel (Web Application Management System). Admins have access to partitions and subsystems. The Main Admin has the greatest privilege for all subsystems. A user log-in screen that requires a username and password secures access to the Admin Panel.

Appendix A - Group Log

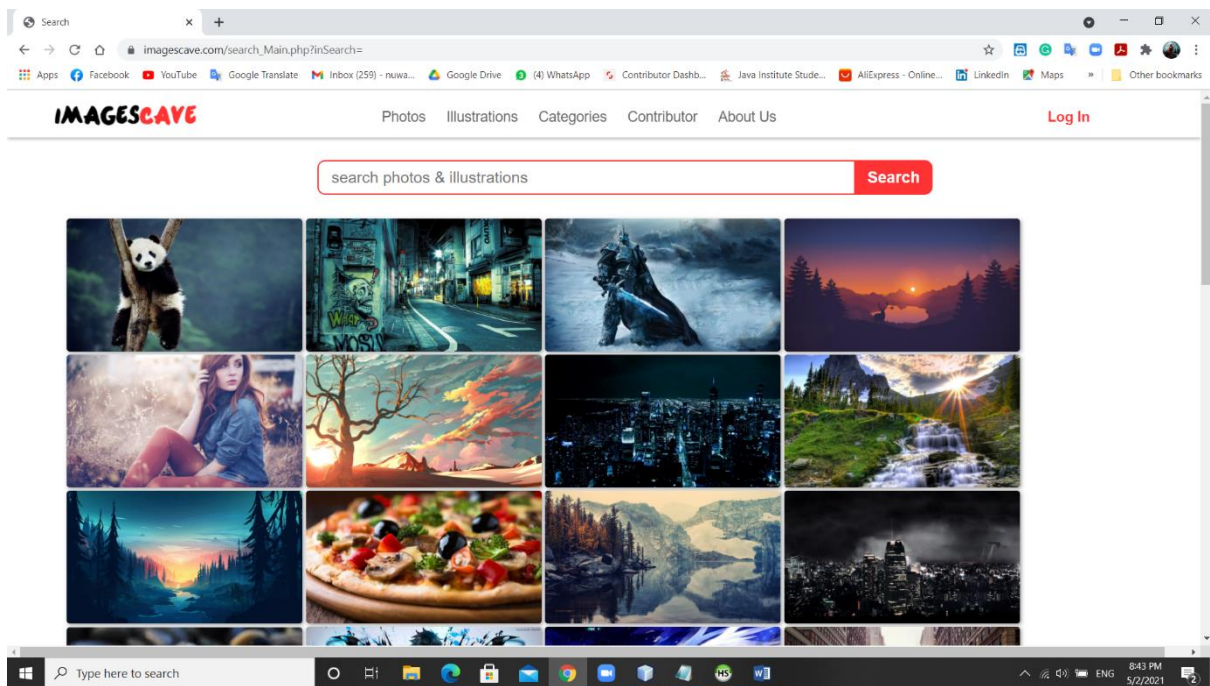
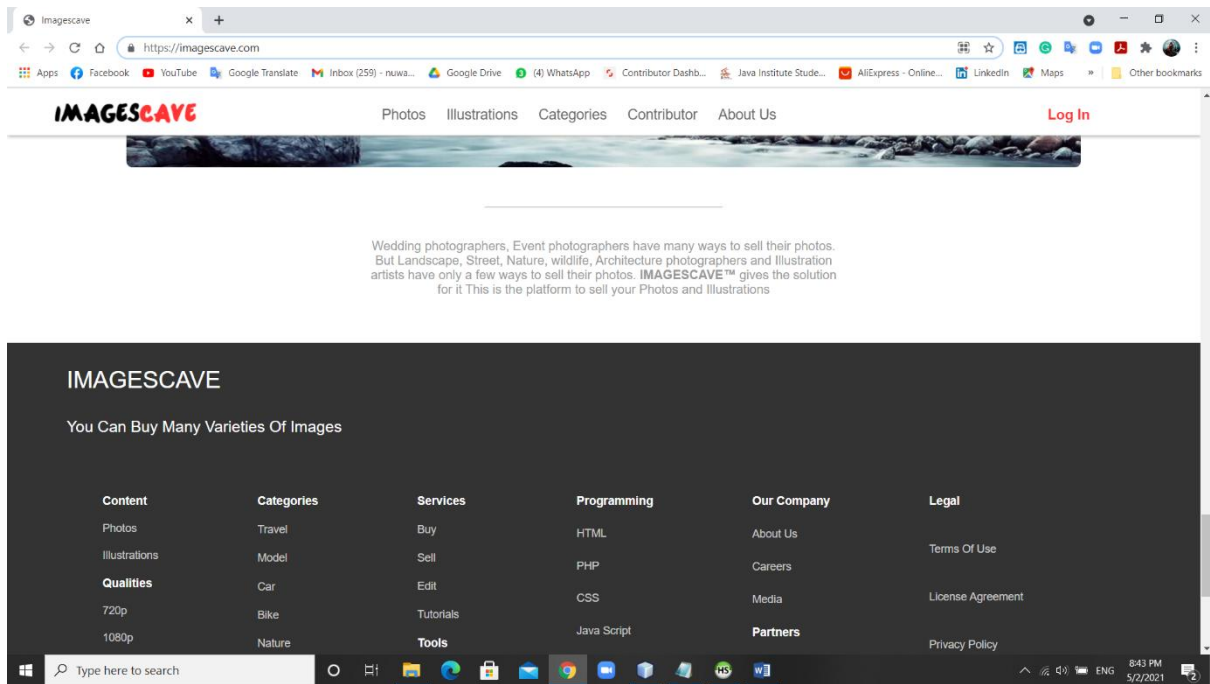
- Research on Internet

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 8 of 15
SUBJECT	:				

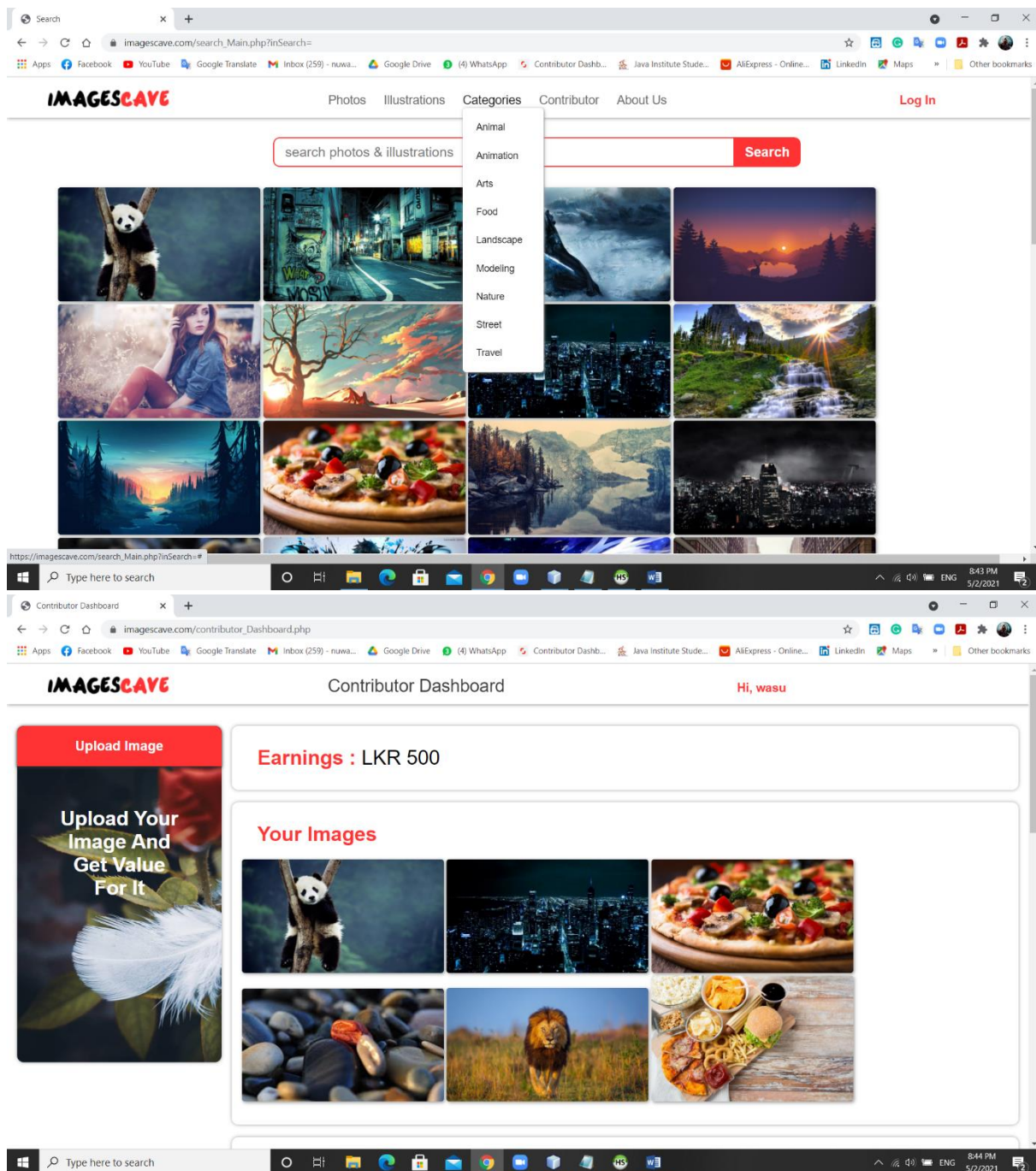
Screenshots



REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 9 of 15
SUBJECT	:				



REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 10 of 15
SUBJECT	:				



REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 11 of 15
SUBJECT	:				

Contributor Profile

Name

Wasu

Username

wasu

Birthday

01/14/2000

Password

....

Bio

Photography Is My Life

Profil Picture

Choose File No File Chosen

Email

wasu@gmail.com

Address

334,Kiribathgoda

Save

Want to Deactivate the Account ! Deactivate Account


View Product

imagescave.com/viewProduct.php?pid=3

IMAGESCAVE

Photos Illustrations Categories Contributor About Us

Log In



Illustration


Animation

Art Of Warrior

LKR 200/=

Download

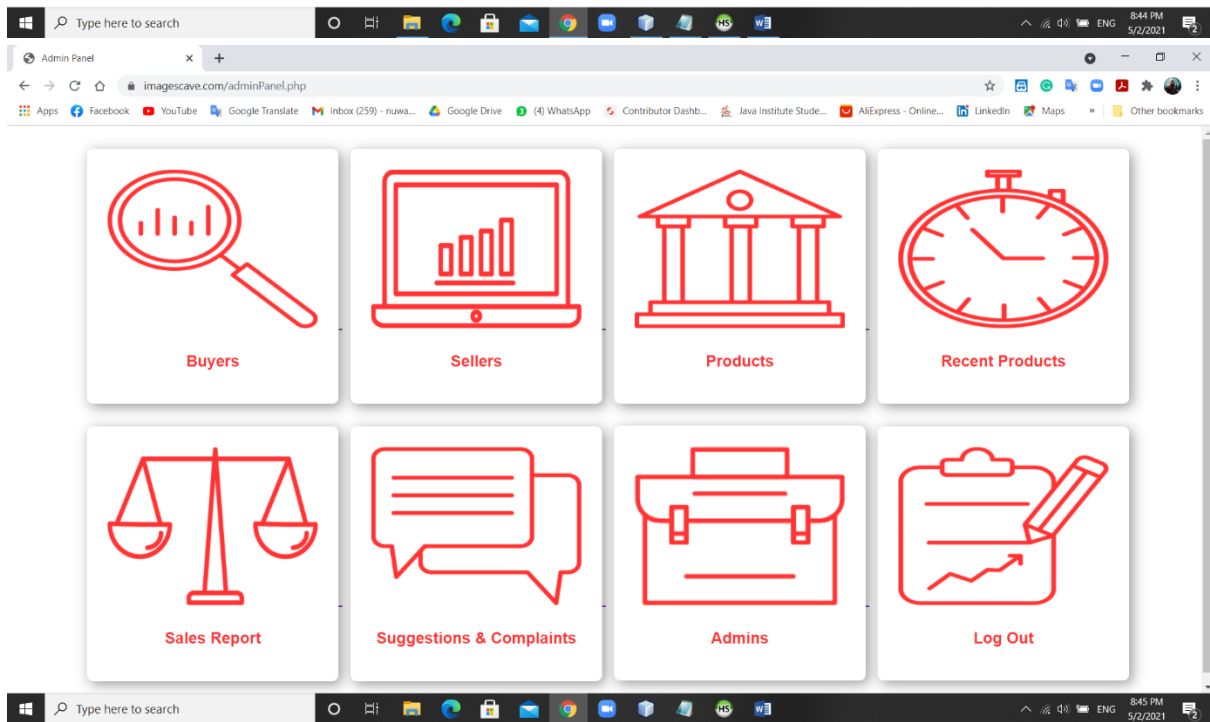
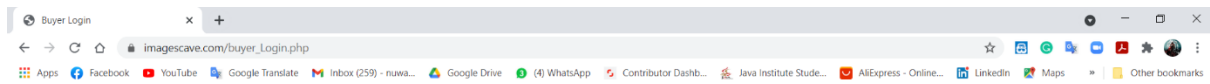
Back



By: Sunil

Bio: Do Best

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 12 of 15
SUBJECT	:				



REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 13 of 15
SUBJECT	:				

rs73.gochesapweb.com / localhost

rs73.gochesapweb.com:2083/cpsess7216145485/3rdparty/phpMyAdmin/db_structure.php?server=1&db=imagescave_imagescave_db

phpMyAdmin

Recent Favorites

imagescave_imagescave_db

Structure SQL Search Query Export Import Operations Routines Events Triggers Designer

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	32.0 K18	-
buyer	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	32.0 K18	-
category	Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	32.0 K18	-
product	Browse Structure Search Insert Empty Drop	21	InnoDB	latin1_swedish_ci	88.0 K18	-
s&c	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 K18	-
sales	Browse Structure Search Insert Empty Drop	11	InnoDB	latin1_swedish_ci	64.0 K18	-
seller	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	32.0 K18	-
type	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	32.0 K18	-
8 tables	Sum	57	InnoDB	latin1_swedish_ci	328.0 K18	0

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

Console

Payment

imagescave.com/buyer_Payment_Methods.php?pid=5

Payment Details

Item Details

5

Modeling Girl

LKR

200

Customer Details*

Kamal

Perera

kaml@gmail.com

0771234567

No.1, Galle Road

Colombo

Buy Now

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 14 of 15
SUBJECT	:				

Buyer Invoice

rs73.gocheapweb.com / localho...

imagescave.com/buyer_invoice.php?pid=5

Apps Facebook YouTube Google Translate Inbox (259) - nuwa... Google Drive (4) WhatsApp Contributor Dashb... Java Institute Stude... AliExpress - Online... LinkedIn Maps Other bookmarks

IMAGESCAVE

Invoice

Customer ID : 1
 Customer Username : Kamal
 Customer Name : Kamal
 Customer Email : Kamal@Gmail.Com

Image ID	Image Name	Image Type	Seller Name	Image Price
5	Modeling Girl	Photo	Namal	LKR 200/=
Total :				LKR 200/=

Print

Type here to search

8:47 PM 3/2/2021

REFERENCE	:		REVISION NO	:	00
EFFECTIVE DATE	:		PAGE NO	:	Page 15 of 15
SUBJECT	:				