## Solution Description

Chen’s Studio is a web application that provides diverse and comprehensive images for commercial, personal, or other uses. We provide a one-stop service for the customer. The purpose is to showcase the album that includes various topics, which allows clients to easily browse the stocks, pick their choices, and further complete the purchase of digital images. The target audience includes businesses and individuals with a need for digital images, such as for the use of decoration, prototyping, presentation, and so on. The core features are the attractive image gallery, the quality-guaranteed images with clear categorization, a user-friendly checkout system and a portal that allows the vendor to update the content.

## User stories and Acceptance Criteria

Number: 1

Title: Welcoming home page

Story: As a potential buyer, I want to be welcomed by the home page with clear directions so that I can immediately understand the way to access the stock images.

Acceptance Criteria:

* The homepage must display a functional nav-bar, with the navigation to gallery and checkout.
* The page must have a call-to-action button that direct to the main gallery which guides the user to the next step.
* The page must show the overview of the products that provided.

Number: 2

Title: Album showcase

Story: As a potential buyer, I want to browse the album which aligns with my needs so that I can quickly access the products.

Acceptance Criteria:

* The gallery page must have a filter that I can use to search the images according to specific criteria.
* The gallery page must show the images in a grid layout.
* The grid layout includes a brief description of the images.
* There are clickable buttons under each grid to add to the cart.
* There are clickable buttons under each grid to view the details of the image.

Number: 3

Title: Viewing product details

Story: As a potential buyer, I want to understand all the details of the product so that I can decide whether the product is suitable for me.

Acceptance Criteria:

* The detail pages must include all the information about the image.
* There is direct navigation from the overview grid to the detail pages, making the detailed information more accessible.
* There is direct navigation from the detail page to the overview gallery, allowing the customer to switch between different images seamlessly.
* The detail pages must include a button to add the image to the cart.

Number: 4

Title: Adding products to the cart

Story: As a potential buyer, I want to manage my cart easily so that I can finalize the purchase at any time.

Acceptance Criteria:

* An ‘add to the cart’ button must be placed under the images.
* Clicking the button must update the customer’s shopping cart items.
* The checkout page has the button to modify or remove the items we chose.

Number: 5

Title: Summarize the shopping cart

Story: As a potential buyer, I want to get the summary of my cart so that I can see the items I chose.

Acceptance Criteria:

* A list of the chosen items must be shown on the check-out page.
* The list of the chosen items must change whenever the cart is updated.
* The total amount to pay must be calculated and shown correctly.

Number: 6

Title: Easy checkout

Story: As a potential buyer, I want to complete the payment with various options so that I can finish the purchase quickly.

Acceptance Criteria:

* A check out page available for customers without logging in.
* A simple page to fill every detailed information.
* Common payment alternatives are provided.
* A ‘continue to checkout’ button is shown to proceed with the payment.

Number: 7

Title: Subscription of updated information

Story: As a potential buyer, I want to subscribe for the news of the store so that I can get latest information.

Acceptance Criteria:

* A field to fill in email address that automatically subscribe for the newsletters.
* The information about the frequency of sending the newsletters must be stated.
* A confirm button to send the request of subscription.

Number: 8

Title: Responsive design

Story: As a potential buyer, I want to browse the page through different devices so that I can visit the website handy.

Acceptance Criteria:

* A reactive page design corresponding to the screen size.
* The arrangement of the element adjusts with the current screen size.

Number: 9

Title: Vendor Portal Operation

Story: As a vendor, I want to update new items so that I can present all products in stock.

Acceptance Criteria:

* A login section to check the user authentication.
* The place to fill in all related information about the products.
* The place to upload the products.
* A confirm button to proceed with the upload requests.