Photo Auction Web Application - Functional Specification
Upal Patel - *Last Updated: May 13th, 2019*

Overview
This web application is an approach to building a photo auction website. This spec is not, by any stretch of the imagination, complete. The specifications, layout, and wording will need to be revised several times before they are finalized. This spec describes what the user sees when they interact with the photo auction web application.

Scenarios
In designing applications, it is important to imagine a few real life stories of how the application would be use. In this section, let us take a look at two scenarios.

Scenario 1: Bryan
Bryan is a photographer. He has countless photos from great locations and continues to take more photos for archive. He has been capturing beautiful moments but now he wants to make money from them. He has an ambition to sell his photos so that he can earn a few bucks on the side and use it for his costly equipment. Bryan desires to sell his photos but he imagines different people may be up to pay various amount of price for the same photo. He comes to realize that an auction would be best to sell his photos. Soon he finds out about a photo auction web application designed by Upal Patel. When Bryan navigates through this application, he realizes that it is only meant for buyers. He identifies that there is only one seller as of now which is Upal Patel himself. This application would be useful for Bryan if he is able to create a seller account and upload his own photos but as of now this application does not support multiple seller accounts.

Scenario 2: Jones
Jones is an executive officer of a private company he owns in the greater Los Angeles area. He lives in a recently sold home in Hollywood, California. He urges to decorate his house walls with photo canvas and frames. Jones has no concern for spending money on buying photos. He comes across this photo auction web application designed by Upal Patel. Immediately, he creates an account to surf through the website and realizes he can buy photos off of the auction to create canvas and metallic frames to put around the house. He places top ten bids on ten photos. The auctions are closing on June 10th, 2019 and Jones is winning the ten bids he has placed. As a seller, Jones is able to leave some meaning feedback for the seller with the photo rating. Jones comments on some of the photos he really wishes to buy and expects Upal

to return to his comment with a reply under the seller's profile page. Jones hopes to win the ten auctions and buy the photos from Upal Patel.

Non Goals

This version will *not* support the following features:
   - Creating seller account (by default only one seller)
   - Uploading images
   - Changing passwords
   - Editing posted comments/ratings

Screen by Screen Specification

Photo auction web app consists of few different screens. Most screens follow a standard format, and will be designed later on. This section will focus on the functionality aspect. All screens are created in HTML. Each screen in this photo auction web app uses HTML forms and PHP handlers to process the forms.

Each screen in the photo auction web app has a name which will be referred to with an underline in this document.

Index Screen

The Index Screen contains a Login Form which will be accessed through its PHP handler. On this screen, there are two user inputs. One is for email address and the other is for password. If an account exists, ideally the user can simply login to the website by entering the email address and the password. If the account account doesn't exist and a user tries to login, there will be an error on the screen. The two input fields are must enter if the user would like to login. If the user does not have an account, clicking "Register" goes to Register Page.
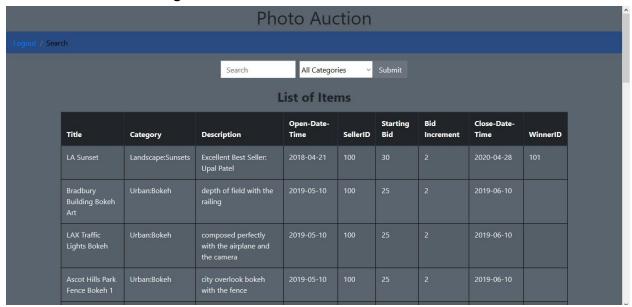
Register Page

The Register Page contains another HTML form which would be processed through another PHP handler. On this page, there are user input fields which would be required to create a buyer account. As of now, no user is able to create a seller account. After the user enters the necessary information, an account would be created. The user would then be redirected to Index Screen.

Welcome Page

The Welcome Page a mixture of HTML and PHP. Through MySQL query, information from database is returned and displayed on this page. In a table view, list of photo items are shown on this page. There is a search button with a category list to pick from. The user is prompted to enter a keyword in the search bar based on one of the categories. Simply entering one specific category name should allow the user to view all images from that category. Once the user has entered a keyword and clicked "Submit" it would take the user to the Search Page.
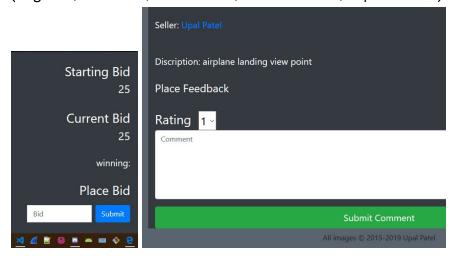

Search Page

Once the user has been redirected to this page after entering a keyword and pressing "Submit" on Welcome Page, the user is now able to click on "Details" at the side of every item to view that item. The user would be redirected to the Details Page if "Details" is clicked.

Details Page

On the <u>Details Page</u>, a user will be able to see the photo itself with a bidding option. Lower bids than posted are not allowed, if a user enters higher bid than posted then he will be winning that auction. At the bottom, the user is able to see a link to the seller's profile, rating button, and a comment text box. A user can leave a rating and some feedback on the photo itself for the seller to view. After clicking "Submit Comment," the rating and comment will be stored on the seller's profile on the <u>Seller's Profile</u>. The user can either "Logout," return to the <u>Welcome Page</u>, or the <u>Search Page</u>. (Logout / Search / "sunset" / "LA Sunset / Upal Patel)

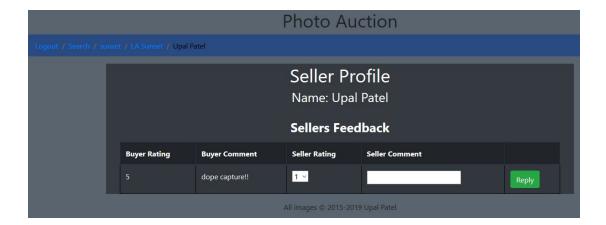| Starting Bid	Seller: Upal Patel
25	Discription: airplane landing view point
Current Bid	Place Feedback
25	Rating 1 ⌄
winning:	Comment
Place Bid	
Bid Submit	Submit Comment
	All images © 2015-2019 Upal Patel

Seller's Profile (from buyer account)

On the <u>Seller's Profile</u> page, a user who is a buyer can view the rating and comment they just submitted on the <u>Details Page</u> previously. The user can click on either one of these to return to previous pages: (Logout / Search / "sunset" / "LA Sunset / Upal Patel)

Photo Auction

Logout / Search / sunset / LA Sunset / Upal Patel

Seller Profile
Name: Upal Patel

Sellers Feedback

Buyer Rating	Buyer Comment	Seller Rating	Seller Comment
5	dope capture!!		

All images © 2015-2019 Upal Patel

Seller's Profile (from seller account)
Similar to the <u>Seller's Profile</u> page (from the buyer's account), the seller can visit a "Seller Profile" by navigating through: <u>Welcome Page</u> -> <u>Search Page</u> -> <u>Details Page</u> and on <u>Details Page</u> clicking on the seller's name "Upal Patel" display the page seen in the screenshot below. This page also runs using HTML form, PHP handler and performing MySQL query. A seller can reply to a buyer's comment by placing a rating on the buyer's comment and writing a reply. Once the seller presses "Reply," the seller's comment would appear in the appropriate box. The user can click on either one of these to return to previous pages: (Logout / Search / "sunset" / "LA Sunset / Upal Patel) or the user can navigate back to previous pages by pressing the browser's back button. The <u>Index Screen</u> would be displayed if the user clicks "Logout".

Photo Auction

Logout / Search / sunset / LA Sunset / Upal Patel

Seller Profile
Name: Upal Patel

Sellers Feedback

Buyer Rating	Buyer Comment	Seller Rating	Seller Comment	
5	dope capture!!	1 ⌄		Reply

All images © 2015-2019 Upal Patel

Note:
To navigate through the web application from either the buyer's or the seller's perspective, please use the default login information below. Please feel free to create an additional account (not that this account will be a buyer account, as mentioned in the spec non-goals above, a user cannot create a seller account).

Default accounts:
Seller account:
Email: visualsofupal@gmail.com
Password: vou123

Buyer account:
Email: j@nw.got.com
Password: j123