

PhotoPro

Project Description

PhotoPro connects explorers looking for quality stock photography with contributors who produce and wish to sell it. Contributors can create a publicly visible profile to market the stock photography they wish to sell. Each photo they post to their profile includes its sell price, title, and tags to describe the photo. Contributors can also delete any photos they no longer wish to market on their profile. Explorers must be able to search for stock photography they are interested in based on a set of keywords they enter. These keywords are then matched to either the tags associated with photos on contributor profiles, or to the photo titles. The results presented to explorers should include a watermarked thumbnail of all relevant photos along with each photo's title and price. Explorers may have also noticed a contributor that they think is talented, so they should also be able to browse through all the photos on contributors' public profiles. When an explorer finds a photo they are interested in, they should be able to view the full details of the photo, including the water-marked version of the photo, its title, associated tags, contributor nickname and email, the photo price, as well as directions for how to purchase the photo. If the explorer decides to purchase the photo, then they should be able to follow the directions on the photo details page to do this, and once purchased - be provided with an option to download a high quality non-watermarked version of the photo they bought. To help explorers in finding more of the photos they are interested in, PhotoPro is also introducing some social features. Specifically, explorers can "like" or comment on photos they are interested in, and can also access a photo-feed, showing photos that they are likely to be interested in based on their history of likes, as well as their search history. Explorers should also be able to see the comments and the number of likes for any photo they come across. In addition, explorers can bookmark photos they find interesting in custom-named collections, so that they can refer to them later. For example, an explorer may create a collection called "Flowers", within which the explorer bookmarks photos of a rose and a lily. The explorer can then open the "Flowers" collection and view either the watermarked / unwatermarked version of the rose and lily (depending on whether photos are purchased or not).

Project Objectives

Contributors must be able to post (and remove) photos from their publicly visible profile, where each photo includes a title, a nominated price to charge for the photo, as well as tags with keywords that can describe the photo. Explorers must be able to search for photos they are interested in purchasing, using keywords that match to photo tags or titles, with results showing watermarked thumbnails of each matching photo along with its title and price. Explorers must also be able to browse through the all photos on a contributor's publicly visible profile, with this profile photo listing including the same types of details as the search result listing. Explorers must be able to view the full details of any photo, including a watermarked version of the photo, photo title, tags, a contributor nickname and email, as well as the photo price, and directions for how to purchase the photo. If explorers wish to purchase a photo, they should be able to do this, and once purchased - be allowed to download a high-quality version of the purchased photo without the watermark. PhotoPro must allow explorers to "like" and comment on any photos they see, as well as see the number of likes, and the text for comments on each photo. Explorers must be able to create named collections (eg: a collection named "Flowers"), where they can bookmark photos they have found (could be either purchased/unpurchased) for future reference (eg: bookmarking a photo of a rose under the "Flowers" collection, which can be browsed later). Explorers must be able to see a feed of photos on their home page, which includes photos that they are likely to be interested in based on both "likes" as well as their previous search results.

Some of the reference links you may find useful for this project are shown below. Please note that project objectives always take priority.

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

<https://bit.ly/3ie1sLY>, <https://bit.ly/328VSFh>