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Abstract

PhotoSpots is an application for finding beautiful locations for taking pictures

PHOTOSPOTS

SRS DOCUMENT v2

# Description of the project

PhotoSpots is an application, as its name suggests, that offers beautiful locations for taking pictures, making it suitable for everyone, from professional photographers to teenagers who would simply want to update their social media feed with a stunning picture.

By submitting a picture or a text description, users recommend a location, which then gets sorted by other users through upvoting or downvoting, this allows users to not waste time scrolling or searching, by just opening the app, they’ll get provided with the most rated locations on top of their feed. For this app to work, users have to turn their location on, so they can be provided with nearby locations, making this application “a must have” for tourists.

The scope of this application is self-scalable, the more users interact with the application, the larger it gets.

# Functional Requirements

1. The system shall allow the user to create an account. //
2. The system shall include a registration page which will include the username and password. //
3. The system shall initially be accessible on personal computers.
4. The system shall store the locations suggested in a database.
5. The system shall have the Upvote and Downvote sorting method implemented.
6. The system shall have an “Explore” section, which shall allow users to explore new random locations. /random photospot
7. The system shall have a “Comment” section under images or text descriptions.
8. The system shall allow flagging of inappropriate comments.
9. The system shall be provide a list of all photospots near the user.
10. The system shall provide sorting functionality for the list.
11. The system shall have a search functionality to search through photospots.
12. The user should be able to report bugs through our company mail.
13. There will be an about page, which includes a short description of how the system works.
14. There will be a contact page.
15. The pshotospot locations shall be displayed on a map.

# Non-functional Requirements

1. The user shall be able to understand how the application works within less than 2 minutes of use.
2. The system shall not allow the user to create an account if the password isn’t considered to be strong.
3. The system shall be able to store at least 10,000 photospots.
4. The system shall not exceed 30ms delay.
5. The system shall be able to be scaled horizontally.
6. The system shall be available at least 90% of the time.
7. The system shall not allow users among each other to see more than their username.
8. The system shall be secure.
9. System vulnerabilities will be addressed promptly.
10. The system shall be able to be used by multiple users at the same time.