Cloud Computing for Photo Sharing Services

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Overview

Cloud computing has been one of the most famous network services in recent years. Users can access their resources instantly on different devices (Smartphone, Desktop, Laptop and Tablet) with well-developed 3G and 4G networks. This situation enhances the speed of development of cloud computing and online social networking.

This project takes advantage of rapidly developing cloud computing. The main goal of the project is to build an online photo sharing service. The project provides a web-based platform for users to store photos in the cloud and to share photos with their friends easily and instantly. Users can make use of this platform to interact on social networks.

Methodology

A web-based platform for users storing photos in the cloud requires a method of communicating between users and the server. A web program with server-side and client-side is needed to build this link. JavaScript and PHP are open source and support most of the target devices in the project. The link between users and the server can take advantage of this.

JavaScript
- Free (Open Source)
- Small file size
- Interacts with webpage element (HTML)
- Use of jQuery/AJAX libraries
- to extend the features
- Compatible with any devices

PHP
- Free (Open Source)
- Faster compilation time
- Platform independent
- Popular database management tool
- MYSQL

The entire system consists of four categories.

User interface
- CSS is implemented to construct the layout of the system

Managing account
- Register
- Login / Logout
- Forget / Change password
- Edit Profile
- Change profile picture

Managing photo album
- Create / Edit / Delete album
- View album
- Upload photo
- View/Download photo

Social networking
- Search friends
- Check follower
- Follow / Not follow
- Like / Dislike
- Comment
- Photo feed

Results

User Profile

Photo feed

View album

View / Download photo
Comment
Like / Dislike

Search users
Follow / Not follow

... keep your precious moments ...