

Social Media Website Specification

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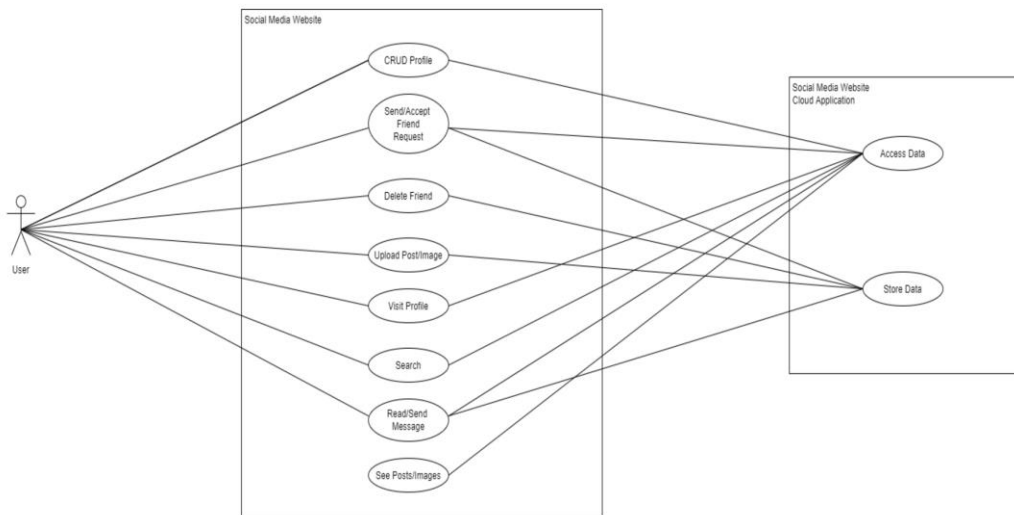
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1. Project Description

Create a website/app similar to the early days of Facebook. Users can create a profile and update their status and their wall and share with others.

2. Use Cases



Use Case Diagram

Name: CRUD Profile

Actors: User, Cloud Application

Description: This use case begins when User wants to Create, Read or Update the profile. The User can edit his/her Information. This Use Case ends when the information is stored in Cloud Application.

Name: Send/Accept Friend Request

Actors: User, Cloud Application

Description: This Use case begins when user goes to Friend/Search tab. In friends tab user can cancel sent friend request or accept them. In search tab, user can send friend request. This Use case ends when user exits the friend/search tab.

Name: Delete Friend

Actors: User, Cloud Application

Description: This Use case begins when user enters profile of another user. The user can delete this user from his friend list. The Use case ends when the friends table is updated or when user decides to exit profile page.

Name: Upload Post/Image

Actors: User, Cloud Application

Description: This Use case begins when user is on the Home page. The user can upload an image and/or post and share it with his/her friends. This use case ends when image and/or post is stored in Cloud application.

Name: Visit Profile

Actors: User, Cloud Application

Description: This Use case begins when user clicks on profile in navigation bar or in search/friends page. User can see public information and add/delete friend. This use case ends when user is on profile page.

Name: Search

Actors: User, Cloud Application

Description: This Use case begins when user is on search page. User can type in letter/name and records will be displayed. This use case ends when user exits the search page.

Name: Read/Send Message

Actors: User, Cloud Application

Description: This Use case begins when user is on message page. User can select friend from dropdown menu and read a message from that friend and send message to him/her. This use case ends when user exits message page.

Name: See Post/Image

Actors: User, Cloud Application

Description: This Use case begins when user is on home page. User can see his/her own post/image and their friend post/image. This use case ends when user is on home page.

Name: Change Password

Actors: User, Cloud Application

Description: This Use case begins when user clicks on Change Password button in profile page. User can change his/her password. This use case ends when Cloud Application stores a new password.

Name: See Post/Image

Actors: User, Cloud Application

Description: This Use case begins when user is on home page. User can see his/her own post/image and their friend post/image. This use case ends when user is on home page

3. Detailed Use Case

Name: Upload Post/Image

Actors: User, Cloud Application

Description: This Use case begins when user is on the Home page. The user can upload an image and/or post and share it with his/her friends. This use case ends when image and/or post is stored in Cloud application.

Name: Read/Send Message

Actors: User, Cloud Application

Description: This Use case begins when user is on message page. User can select friend from dropdown menu and read a message from that friend and send message to him/her. This use case ends when user exits message page.

4. Non-Functional Requirements

4.1. Usability

Support for Google Chrome and Firefox

User should be able to send friend request/accept friend request within 30 seconds.

User should be able to search for another user within 30 seconds.

4.2. Reliability

User should be able to access website 100 times without a problem or a bug occurring.

4.3. Performance

Uploading an image/post should not take more than 10 seconds.

Updating a profile should not take more than 20 seconds.