AS Capstone Project Proposal

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Project Name: Image Sharing Platform

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Project Description

I am proposing a website that will be able to host images uploaded by users, which can be sorted both by category and by individual uploader to be viewed. Users may upload images with text captions and may view and comment on the uploaded images of others. In addition, users will be able to search uploads by category to see images from all users who have posted within the category. This will provide users with a platform to share any form of images they wish to make public, such as art pieces and photography, photo blogs, information about a business or event, or any number of other purposes.

Functionality

The functions of the site should include the following:

- Account creation and login
    - Administrator accounts which are able to delete comments and images uploaded by non-administrator users, or even entire categories and accounts
- Uploading images with text captions linked to them
    - Tagging each image with a specific category or categories
- Creation of new categories to tag images with
- Viewing uploaded images
    - Viewing all images that have been tagged with a specific category
    - Viewing all images uploaded by a specific user
    - Within the two previous views, maximizing an image to look at it individually
- Commenting upon images uploaded by other users (or oneself)
- Deleting comments and posted images that one no longer desires to be public

Development Platform

The site will be coded in C# using the ASP.Net framework, along with a SQL database. ASP.Net allows for faster, more dynamic pages by utilizing other programming languages, and is also a method I am more comfortable with than I am with PHP. In addition, SQL is a widely-used database format, meaning it will be more transferrable.