Adventure Works Photo Sharing Application (Proposed)

Detailed Planning Document

*Insert Date Here*

Authors: *Insert Your Name Here*

# Introduction

The author has examined the initial investigation document by Hines, Raghav, and Khan. Based on the use cases, technical requirements, and other content in that document, the author has created the detailed plans below. The board has already agreed that the photo sharing application will be built as a website based on Microsoft’s ASP.NET MVC technology. Therefore the details presented here include the names and properties of model classes and controllers developers must create. Views have also been identified and wireframe diagrams included to help envision the user interface for important parts of the site.

The application design is likely to evolve throughout the development process as requirements change. The development team will adopt Agile practices to ensure such changes are reflected in the final product. Therefore this document should not be considered a complete definition of the final application.

# MVC Model

Developers will create a model with the following model classes. For each model class, properties have been listed and descriptions given.

Table 1: MVC Model

|  |  |  |  |
| --- | --- | --- | --- |
| Model Class | Description | Properties | Data Types |
| photo | Class der repræsenterer billeder som brugere der er loged in kan oploade.  Beskrivende tekst om billedet | billedeId  Title  Beskrivelse  Dato  Ejer  filetype | Int  String  String  datetime  String  string |
| comments | Class der repræsenterer tekst til billeder som brugeren der er loged in kan skrive | commentsId  brugerID  text  billedeID | Int  int  String  Int |
| user | Class der repræsenterer brugere, opret og login | userId  navn  password  email | Int  String  String  string |

# MVC Controllers

Developers will create the following controllers. For each controller, actions have been listed and descriptions given.

Table 2: MVC Controllers

|  |  |  |
| --- | --- | --- |
| Controller | Action | Description |
| photo | Galleri  (get)  upload img  (get)  (post)  Delete  (get)  (post)  Nyeste(3)  (get)  Edit  (get)  (post) | Action køre når en bruger aktiverer vis alle billeder gennem galleriview.  Action der køre når brugeren klikker på file upload. Ny instans af billed model og sender den til ad Photo view.  Action køre når brugeren klikker gem billede i ad billedview. Redirector til galleri siden  Action køre når brugeren klikke på delete knappen og sender til billedview  Henter de 3 nyeste billeder og sender dem til billedview |
| comments | Vis  (get)  Add  (get)  (post)  Delete  (get)  (post)  Edit  (get)  (post) |  |
| User | Opret  (get)  (post)  Edit  (get)  (post)  Login  (get)  Post  Logout  (get)  (post) |  |

# MVC Views

Developers will create the following views. Each view has been listed together with the controller it is associated with.

Table 3: MVC Views

|  |  |  |
| --- | --- | --- |
| Controller | View | Description |
| billedcontroler | Galleri  Billed fuld størrelse  Add  Edite  Delete  Nyeste | Dette view viser en samling af billeder i thumbnail. Tilhørende titel, dato og ejer vises også  Dette view viser billede i fuld størrelse sammen med titel, beskrivelse, dato og tekst felt til at skrive en kommentar. Hvis login kan der også slettes |
| comments | Vis  Add |  |
| user | Login  Logout  opret |  |

# Hosting Recommendations

Since the photo sharing application will be developed in ASP.NET MVC, it must be hosted on a Microsoft web server. The author recommends the following hosting configuration:

## Web Server

*Insert web server recommendations here.*

azure

## Database

*Insert database server recommendations here.*

Sql

Iis (application server)