Project 3, 2016 Blog

Section 1:

Group 12 Blog International Class:

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Section 2:

Link to Blog: www.catbendixen/blog/index.php

Section 3:

User Story:

As an: User/Author

I want To add a title, date, content, image and my name to blog so that I can add new information to the blog on Logo Design

Success:

I. Post appears on blog.

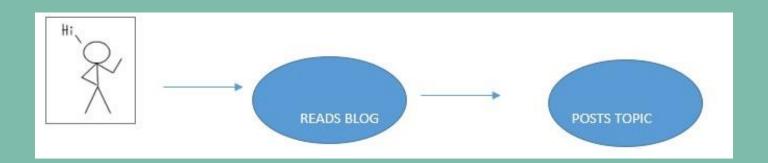
Failure (message to be displayed):

- I. Information not entered.
- 2. Server unavailable, please try again.

Section 3 (continued):

Use Case:

Name	Create a blog post		
Identifier	Identification number		
Actor	Contributor		
Precondition	The contributor is on the blog and		
	the Database is available on the		
	server		
Post-condition	Blog is approved by owners and is		
	created in the database and availa-		
	ble for others to read		
Basic Course	Begin		
	I. Open blog		
	2. Write post (title, date, con-		
	tent, image and name)		
	3. Submit post		



Section 4:

Attribution Table

Entity	Attributes	Value	Notes	Data Type	Length
	Post id	Autonumber	Primary Key (PK) auto- matically unique number	int	2
	Title	All Char	Headline for post	Varchar	50
	Content	All Char	Content of Post-text	text	no limit
	AuthoName	All Char	Authors name	Varchar	50
	Date	dd-mm-yyyy	Date for Upload post	date	10
	Image	jpg,,png, tiff, gif, etc.	Image to be uploaded	Varchar	255

Section 5: Index.php

```
//including external PHP files
require_once('ac-blog-cn.php');
<!doctype html>
<meta charset="utf-8">
<title>Logo Design</title>
<meta name="description" content="Blog that deals with history and rationale behind logo choices.">
 <!-- Mobile Specific Metas
<meta name="viewport" content="width=device-width, initial-scale=1">
 <!-- FONT
<link href="http://fonts.googleapis.com/css?family=Abel" rel="stylesheet" type="text/css">
k href="http://fonts.googleapis.com/css?family=Satisfy" rel="stylesheet" type="text/css">
 <!-- CSS
  k rel="stylesheet" type="text/css" href="css/skeleton.css">
 k rel="stylesheet" type="text/css" href="css/style.css">
 k rel="stylesheet" type="text/css" href="fonts/font-awesome/css/font-awesome.min.css">
  <script src="script/jquery-2.2.3.min.js"></script>
```

Section 5 (continued index.php):

//2. Establishing the connection using a mysqli object

```
<script src="script.script.js"></script>
<body>
<header class="main nav green">
              <div class="twelve columns">
                     <div class="logo"><img src="images/logo-blog.png" alt="logo"></div>
       <div class="navigation">
       <a href="ac-blog-if.php">Post</a>
        <a href=""#">Home</a>
<div class="container main">
<div class="eight columns">
 <h2 class="bio">About Us</h2>
  <h4 class="post">We are both students studying multimedia design and communication at Copenhagen
Business Academy. Catherine is originally from Canada but has lived in Denmark since 2010. Alexandru is a
freshman who arrived in Denmark 5 months ago from Romania.</h4>
   <h4>This blog is related to the hisory of logo design. We welcome your input and you are welcome to
use the POST link above to add information to logos.</h4>
  <figure id="catherine">
  <img src="images/catherine.png">
  <figcaption>Catherine</figcaption>
  </figure>
  <img src="images/alexandru.png">
  <figcaption>Alexandru</figcaption>
  </figure>
<div class="row green">
              <div class="eight columns">
<?php
```

Section 5 (continued index.php):

```
$connection = new MySQLi(HOSTNAME, MYSQLUSER, MYSQLPASS, MYSQLDB);
$connection->set charset("utf8"); //to make sure that special characters correctly such as ÆÅØ
//4. Formulating the SQL query
$data = $connection->query("SELECT * FROM blog ORDER BY id DESC");//subjects should be changed
to actual table name
//5. Pack and retrieve the data
$result = $data->fetch assoc();
<!--Dynamically created part of the table-->
<?php
//new query
$data I = $connection->query("SELECT * FROM blog ORDER BY id DESC");
while($result = $data I -> fetch_assoc()){
       /*echo '<h l >' . $result['id'] . '</h l >';*/
       echo '<hl>'. $result['title'] . '</hl>';
       echo '' . $result['content'] . '';
       echo '<h5>' . $result['authorName'] . '</h5>';
       echo '<h5>' . $result['date'] . '</h5>';
// inserting an image if present!
if($result['image']){
echo '<img src='" .$result['image'] . "' alt='" . $result['title'] . "' width="300px">';
} else {
echo '</div>';
 <div class="advertisement">
   <h3>Place Your Ad Here</h3>
</div>
       <div class="container">
              <div class="row twelve columns">
```

ul class="social">

Section 5 (continued index.php):

```
<
```

CODE TO Interface for Blog

```
<!doctype html>
<meta charset="utf-8">
<script src="../script/jquery.validate.min.js"></script>
<title>Interface to Database</title>
k rel="stylesheet" type="text/css" href="css/poststyle.css">
k rel="stylesheet" type="text/css" href="css/skeleton.css">
k href="http://fonts.googleapis.com/css?family=Abel" rel="stylesheet" type="text/css">
<link href="http://fonts.googleapis.com/css?family=Satisfy" rel="stylesheet" type="text/css">
k rel="stylesheet" type="text/css" href="fonts/font-awesome/css/font-awesome.min.css">
<body>
<header class="main nav green">
              <div class="twelve columns">
                     <div class="logo"><img src="images/logo-blog.png" alt="logo"></div>
        <div class="navigation">
        <a href=""#">Post</a>
        <a href="index.php">Home</a>
</header>
```

```
<div class="container">
     <div class="eight columns">
<form method="post" action="<!php echo $ SERVER['PHP SELF']!>" enctype="multipart/form-data">
 Title:
 <input type="text" name="title" required >
 Content:
  <textarea name="content" rows="5" cols="50" required cols="20" ></textarea>
 Author's Name:
  <input type="text" name="authorName" placeholder="You can use your nickname."</pre>
required>
 Date:
  <input type="date" name="date" required >
 Choose Image (optional):
<input type="file" name="fileToUpload" class="fileToUpload">
 <input type="submit" name="addSubject" value="Add a new subject">
<?php
#check if submit button was used
if(isset($ POST['addSubject'])){
     //acquiring connection data
     require_once('ac-blog-cn.php');
$connection = new MySQLi(HOSTNAME, MYSQLUSER, MYSQLPASS, MYSQLDB);
//transferring "special" characters correctly
$connection->set_charset("utf8");
#grabbing user input:
//safeguarding possible injection points against SQL injection!!
$title = mysqli real escape string ($connection, $ POST['title']);
$content = mysqli real escape string($connection, $ POST['content']);
$authorName = mysqli_real_escape_string($connection, $_POST['authorName']);
$date = mysqli real escape string($connection, $ POST['date']);
//// Image upload /////
```

```
\supoadOk = 0;
if(!empty($ FILES['fileToUpload']['name'])) {
$target_dir = "images/"; //specifies the directory where the file is going to be placed
$target file = $target dir . basename($ FILES['fileToUpload']['name']); //specifies the path of the file to be
\sup O = I;
move uploaded file($ FILES['fileToUpload']['tmp name'], $target file); //tmp name contains the actual
copy of your file content on the server
echo "<div id=\"message | \">| lmage ". basename( $ FILES['fileToUpload']['name']). " uploaded</div>";
} else {
     echo "No image uploaded. ";
//////// END image upload //////////
/*updated SQL Query
if(\sup Ok == 1){
$sqlUpdate = "INSERT INTO <tablename> (<fieldname>, <fieldname>, <fieldname>, img) VALUES ('$<var
name>', '$<varname>', '$<varname>', '$target file')";
} else {
$sqlUpdate = "INSERT INTO <tablename> (<fieldname>, <fieldname>, <fieldname>) VALUES ('$<var
name>', '$<varname>', '$<varname>')'';
//updated SQL Query
if(\sup Ok == 1)
$sqlUpdate = "INSERT INTO blog (title, content, authorName, date, image) VALUES ('$title', '$content',
'$authorName', '$date', '$target_file')'';
} else {
$sqlUpdate = "INSERT INTO blog (title, content, authorName, date) VALUES ('$title', '$content', '$author
Name', '$date')";
/*#forumulate SQL query, inserting values into the table
$update = $connection->query("INSERT INTO subjects (subject, description, ects) VALUES ('$title', '$con
tent', '$authorName', '$date')'');*/
#is update true? Is the query executing correctly?
if(mysqli_query($connection, $sqlUpdate)){
       echo "<div id=\"message\">New post uploaded!</div>";
       echo 'Oooops - I did it again. . . . ';
#close connection
mysqli close($connection);
////// end if isset:
```

```
<footer class="green">
            <div class="row twelve columns">
                  ul class="social">
                  <a href="#"><i class="fa fa-facebook-square fa-lg"></i></a>/
                  <a href="#"><i class="fa fa-twitter-square fa-lg"></i></a></l>
                  <a href="#"><i class="fa fa-instagram fa-lg"></i></a>
                  <a href="#"><i class="fa fa-flickr fa-lg"></i></a>
                  <a href="#"><i class="fa fa-youtube-square fa-lg"></i></a>
                  <a href="#"><i class="fa fa-linkedin-square fa-lg"></i></a>
            <div class="row twelve columns">
                  © 2016 <a href="http://www.simaalexandru.dk">Alexand
ru Catalin Sima</a> and <a href="http://catbendixen.dk">Catherine Bendixen.</a>
</script>
<script type="text/javascript">
$( document ).ready(function() {
$(".submit-btn").click(function(e){
e.preventDefault();
var title = $("#title").val();
var content = $("#content").val();
var authorName = $("#authorName").val();
var date = $(''#date'').val();
if(title == "" || content == "" || authorName == "" || date == "")
alert("Fejl i indtastning");
$("#addSubject-form").submit();
```

```
});
});
</script>
```

CODE TO Interface connection

```
<?php
//Connecting to a MySQL server using the mysqli method
//I. setting the connection CONSTANTS
/*define("HOSTNAME", "localhost");
define("MYSQLUSER", "Miluser");
define("MYSQLPASS", "secret");
define("MYSQLPASS", "mil_i");*/
# 2. Remote information
define("HOSTNAME", "catbendixen.dk.mysql");
define("MYSQLUSER", "catbendixen_dk");
define("MYSQLUSER", "catbendixen_dk");
define("MYSQLPASS", "********");
define("MYSQLDB", "catbendixen_dk");</pre>
```