WEB PHOTO SHARE

Additional Information

Faculty:	**Mr. Nguyen Ngo Phuoc**	
Batch No:	**F2-10-1203-T0**	
Group No:	**01**	
Student	**Full Name**	**Roll No.**

	Full Name	Roll No.
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Introduction

This document contain addition information for Web Photo Share website project, This include information about the change in design, the change in database structure, the change in used technology… and task assignment for member

We would like to thank sincerely!

Group 1 – FPT Aptech.

▉Task Assignment

No	Task	Assignment	Description
1	Design	Nguyen Vu Hung	Design layouts for website back-end and front-end
2	Slice HTML/CSS	Nguyen Vu Hung	Slice designed layouts to html/css include javascripts
3	Implement Default Page	Nguyen Vu Hung	Default page for visitors and un-authenticated users
4	Implement Login Page	Nguyen Vu Hung	
5	Implement Registration page	Tran Van Hai	
	Implement Login page	Nguyen Vu Hung	
7	Implement Forgot Password page	Le Ngoc Nhut	
8	Implement Recover password	Le Ngoc Nhut	
9	Implement Static Page	Tran Van Hai	About us, Terms & Privacy
10	Implement User Homepage	Nguyen Vu Hung	Homepage for user after logged in, show the latest and public image
11	Implement User Profile	Le Ngoc Nhut	View and update user profile
12	Implement Change Password	Le Ngoc Nhut	
13	Implement My Images	Nguyen Vu Hung	View uploaded image, include upload images
14	Implement Edit Image	Nguyen Vu Hung	Include delete images
15	Implement Edit Avatar	Nguyen Vu Hung	
16	Implement My Friend	Tran Van Hai	Include send and cancel friend request
17	Implement FAQs Page	Tran Van Hai	
18	Implement Feedback page	Nguyen Anh Tuan	
19	Implement Contact page	Nguyen Anh Tuan	
20	Implement View Image	Nguyen Vu Hung	
21	Implement View Collection	Nguyen Vu Hung	
22	Implement View User	Le Ngoc Nhut	
23	Implement Admin Login	Nguyen Vu Hung	Include admin dashboard
24	Implement Users Manage	Tran Van Hai	Include approve/decline user with automatically email notification

No	Task	Assignment	Description
25	Implement Collection Manage	Le Ngoc Nhut	
26	Implement Images Manage	Le Ngoc Nhut	
27	Implement FAQ Manage	Tran Van Hai	
28	Implement Feedback Manage	Nguyen Anh Tuan	Include send feedback email
28	Implement Contact Manage	Nguyen Anh Tuan	Include send contact email

■ Technology

Beside the technologies described in Design Document, We used more technologies on development this project:

- Java Mail API for send mail functions
- jQuery Infinite Scroll for pre-fetching content from a subsequent page and adding it directly to the user's current page.
- jQuery Image Loaded for triggering a callback after all child images have been loaded to ensure about throw off layout.
- Masonry JavaScript grid layout library, for placing elements in optimal position based on available vertical space, sort of like a mason fitting stone in al wall
- jQuery Validate for validate form and input on client
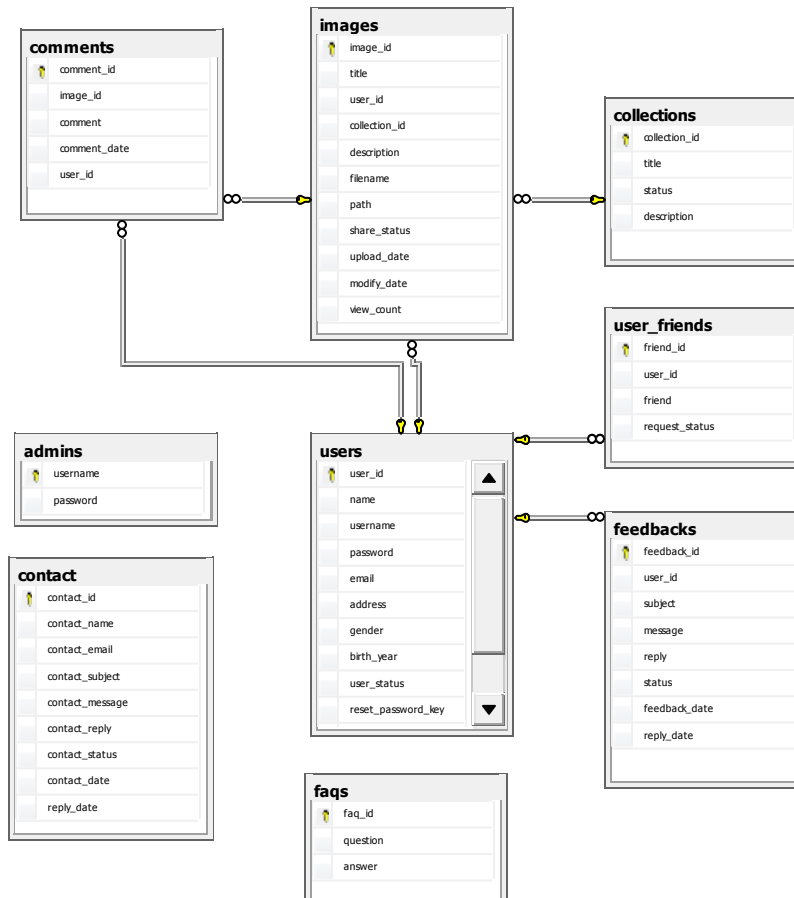
commons-lang3-3.1-bin.zip   jquery-validation-1.11.1.zip   **Database Design**

As described in Design Document, We adjusted database relationship with addition fields for matching our project design.

1. Database Relationship Diagram (DRD)

2. Database Structure

Those tables above are adjusted with addition field and modify the data type

2.1. Table: contact

Field	Type	Null	Key	Default	Extra	Comment
contact_id	INT	NO	PK		IDENTITY(1,1)	
contact_name	VARCHAR(255)	NO				
contact_email	VARCHAR(255)					
contact_subject	VARCHAR(255)					
contact_message	TEXT					
contact_reply	TEXT					
contact_status	TINYINT	NO		0		0: Unread 1: Read 2: Replied
contact_date	DATETIME					
reply_date	DATETIME					

2.2. Table: faqs

Field	Type	Null	Key	Default	Extra	Comment
faq_id	INT	NO	PK		IDENTITY(1,1)	
question	VARCHAR(255)					
answer	TEXT					

2.3. Table: feedbacks

Field	Type	Null	Key	Default	Extra	Comment
feedback_id	INT	NO	PK		IDENTITY(1,1)	
user_id	INT	NO	FK		users.user_id	
subject	VARCHAR(255)					
message	TEXT					
reply	TEXT					
status	TINYINT	NO		0		0: Unread 1: Read 2: Replied
feedback_date	DATETIME					
reply_date	DATETIME					

2.4. Table: collections

Field	Type	Null	Key	Default	Extra	Comment
collection_id	INT	NO	PK		IDENTITY(1,1)	
title	VARCHAR(255)					
status	BIT	NO		0		0: Disable 1:Enable
description	VARCHAR(255)					

2.5. Table: users

Field	Type	Null	Key	Default	Extra	Comment
user_id	INT	NO	PK		IDENTITY(1,1)	
name	VARCHAR(255)	NO				
username	VARCHAR(32)	NO			UNIQUE	
password	VARCHAR(32)	NO				
email	VARCHAR(255)	NO			UNIQUE	
address	VARCHAR(255)	YES				
gender	BIT	NO		0		0:Female 1:Male
birth_year	VARCHAR(4)					
user_status	TINYINT	NO		0		0:Validating 1: Approved 2: Declined
reset_password_key	VARCHAR(32)	YES				
join_date	DATETIME					
user_avatar	VARCHAR(255)	YES				

2.6. Table: images

Field	Type	Null	Key	Default	Extra	Comment
image_id	INT	NO	PK		IDENTITY(1,1)	
title	VARCHAR(255)	NO				
user_id	INT	NO	FK		users.user_id	
collection_id	INT	NO	FK		collection.collection_id	
description	TEXT					
filename	VARCHAR(255)	NO				File name of image
path	VARCHAR(255)	NO				Location of image
share_status	TINYINT	NO				0: Private 1: Friend 2: Public

Field	Type	Null	Key	Default	Extra	Comment
upload_date	DATETIME					
modify_date	DATETIME					
view_count	INT	NO				

2.7. Table: comments

Field	Type	Null	Key	Default	Extra	Comment
comment_id	INT	NO	PK		IDENTITY(1,1)	
image_id	INT	NO	FK		images.image_id	
user_id	INT	NO	FK		users.user_id	
comment	TEXT					
comment_date	DATETIME					

2.8. Table: user_friends

Field	Type	Null	Key	Default	Extra	Comment
friend_id	INT	NO	PK		IDENTITY(1,1)	
user_id	INT	NO	FK		users.user_id	
friend	INT	NO	FK		users.user_id	
request_status	BIT	NO		0		0: Requested 1: Approved

3. Database Constrains

Regarding to new database structure, we also adjusted database constrains

3.1. comments

Constraint:
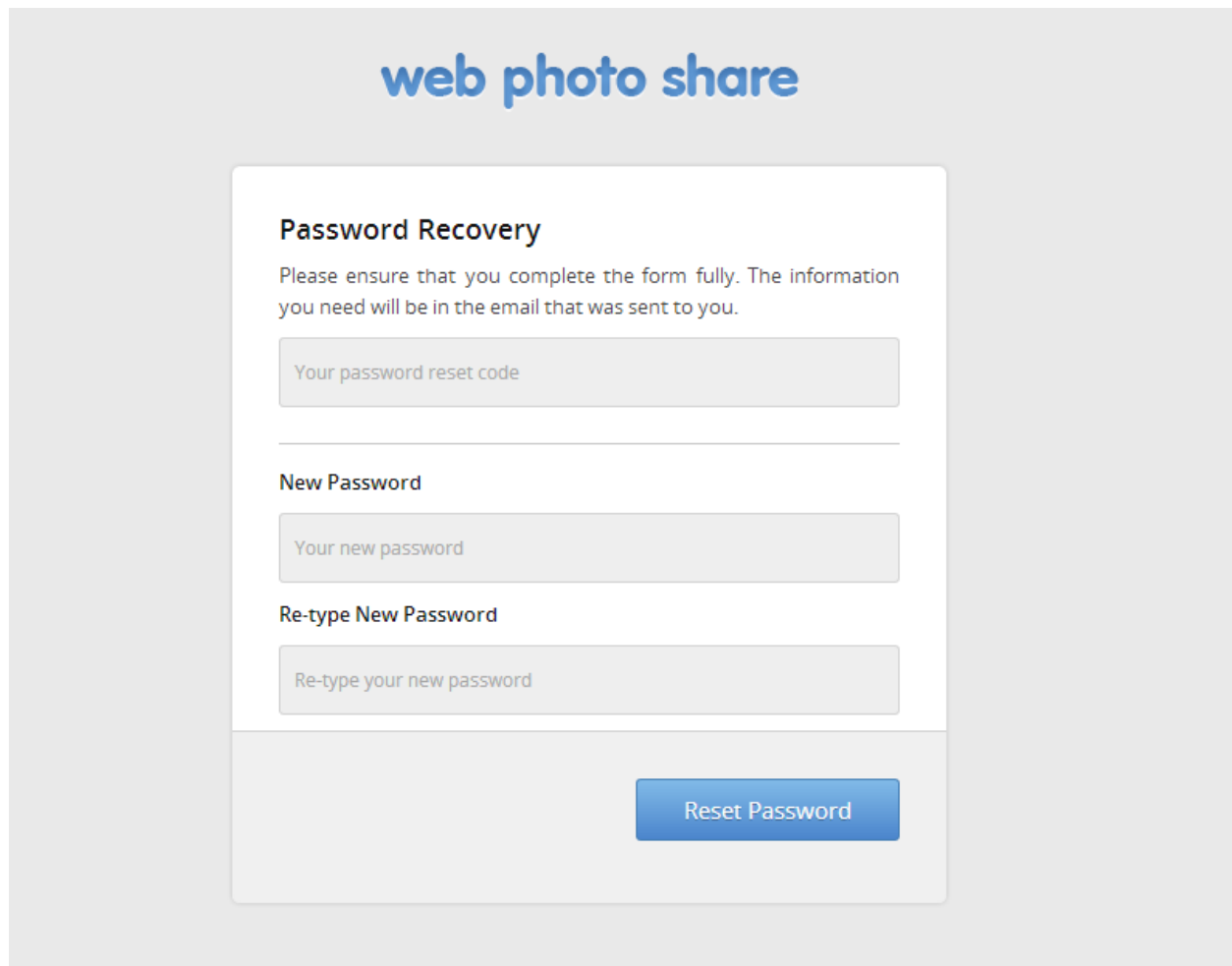
- FOREIGN KEY: image_id must exist
- FOREIGN KEY: user_id must exist

Name	Add	Delete	Update
comments	+ images.image_id must exist users.user_id must exist	-	+ images.image_id must exist users.user_id must exist

■GUI Designs – Front-End

- Removed User Comments layout
- Change User Profile Change Password layout
- Add View User layout
- Add update avatar layout
- Add View Collection layout

1. Reset Password Form

2. Change Password Form

3. Update Profile with Avatar

4. View Collection
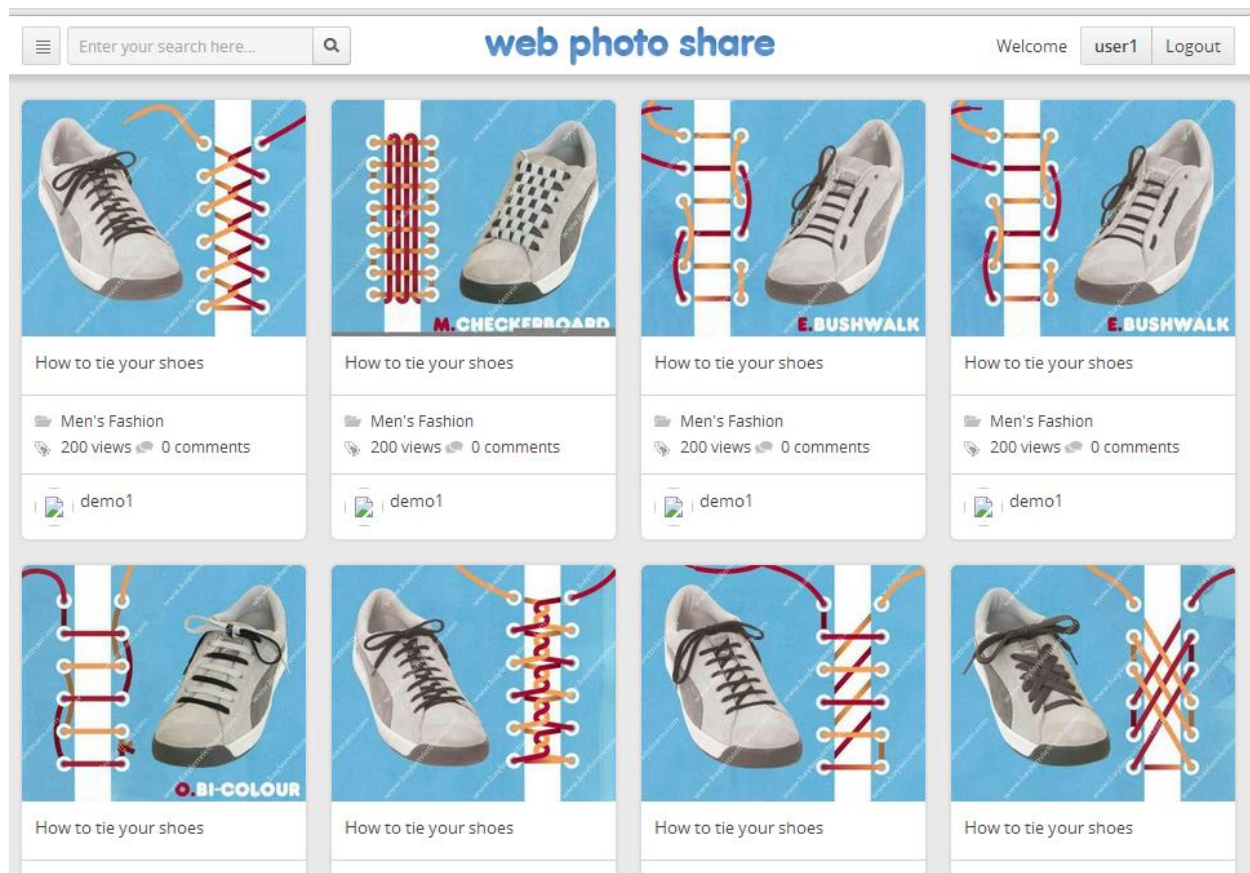
GUI Design – Back-End

1. Administrator change password form

	Prepare By: Group 1	Approved By: Faculty
Date: Oct 22, 2013	**Team Leader** **Nguyen Vu Hung**	 **Nguyen Ngo Phuoc**