

USER DOCUMENTATION

MOMENTS – PHOTO ALBUM

GROUP 22

Our group consist of the following members:

Name	Student ID	Email address
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GENERAL INFORMATION

The topic of this project is to create an online version of an old-fashioned photo album. Almost all the companies that sell photo prints offer this kind of a service. Photo album contains pages (corresponding the physical pages in the final printed book) and each page contains images and possibly some text. In the service, a user can create photo albums, share them, and each user with a shared copy can place orders to get printed copies of albums.

Images for the albums are accessed through links provided by the users when they add pictures to the service. The project has been coded using the Django framework and includes both client and server side code.

FUNCTIONAL REQUIREMENTS AND GRADING

AUTHENTICATION

Users can easily register to the website by providing a username, email address, and a password. The website checks if the username is already taken, if the given email address is valid and if the two passwords match. If the registration was successful, the user can login with his username and password. A logged in user can always logout by clicking on the “Log out” field in the website header.

Visitors cannot see other users’ albums unless they are public. Only the owner of a private album can see it.

Suggested points: 200 points

BASIC ALBUM FUNCTIONALITIES

Logged in users are able to create new albums. One user can have multiple albums. By default, a new album has two empty pages, however users can add new pages to the album. Users can choose from four layouts to add to a page: one with one image place, one with two image places and two with three image

places. After selecting a layout, the user can fill the image places with pictures. Users can select the desired pictures by providing the URL of the image and a caption.

Users have the ability to save their albums with a title, and access them again for viewing or editing. When an album is selected for modification the user can add, remove or change images and layouts.

Suggested points: 500 points

PUBLIC LINK TO PHOTO ALBUMS

Public links are generated for each album. These links are unique and impossible to guess. Users can share their albums by copy and pasting the URL of the album if it is public. They can set this attribute when editing an album. Sharing a private album will not be accessible to other people. Public albums however are viewable to people without login, but not editable.

Suggested points: 70 points

SHARE ALBUMS

Sharing of albums via Facebook is possible by clicking on the Share button.

Suggested points: 80 points

ORDER ALBUMS

Users – even not logged in users – are able to order albums that are visible to them. They can place their order by filling the required fields: full name, address, email address, quantity of selected album. The price of each album is calculated by the number of pages it contains: each page costs 5€. After placing the order the user has an opportunity to check his information. The payment is processed through <http://payments.webcourse.niksula.hut.fi/> and an email is sent to the user after a successful payment.

Suggested points: 200 points

INTEGRATE WITH AN IMAGE SERVICE API

We did not have time to develop this functionality.

Suggested points: 0 points

3RD PARTY LOGIN

Users are able to login to our service via Facebook. By clicking the login with Facebook button the user is redirected to his Facebook page when he can enable the application. After agreeing to add the app to his Facebook, the user will automatically be logged in and redirected to his home page.

Suggested points: 100 points

USE OF AJAX

Ajax is used to check during the registration process. It checks whether the username is already in use or still free.

Suggested points: 50 points

WORK DIVISION

Functionality	Person(p)
Authentication	Dmytro
Basic album functionalities	Andrea, Norbert
Public links	Norbert
Share albums	Andrea
Order albums	Norbert
3 rd party login	Dmytro
Use of Ajax	Norbert
Design	Andrea

INSTRUCTIONS

INDEX PAGE

Our project is accessible via Heroku by the following URL: <http://moments-app.herokuapp.com/> . When first visiting the page the user will see the welcome layout where he can register or login (see Figure 1).

The screenshot shows the MOMENTS website's welcome page. The header is dark with the 'MOMENTS' logo in pink. Below the header, there's a 'Welcome to our website!' section with a collage of aurora borealis photos from Finland, Sweden, and Norway. To the right, there's a 'Sign Up' form with fields for Username, Email, Password, and Password confirmation, along with a 'Sign In' button and a 'Keep me logged in' checkbox. A 'Forgot password' link is also present. At the bottom right, there's a 'Sign Up' button and a Facebook login button.

FIGURE 1: WELCOME PAGE

When registering as a new user, the page requires a username which is not already taken, a valid email address and matching passwords. In case any of these requirements are not met, the website notifies the user with warnings and do not complete the registration. Same happens when a user tries to login but provides incorrect username or password.

The Facebook login works as described above.

HOME PAGE

After a successful login, the user is redirected to his home page. On this page the user can see his previously created albums and is able to create new ones (see Figure 2).

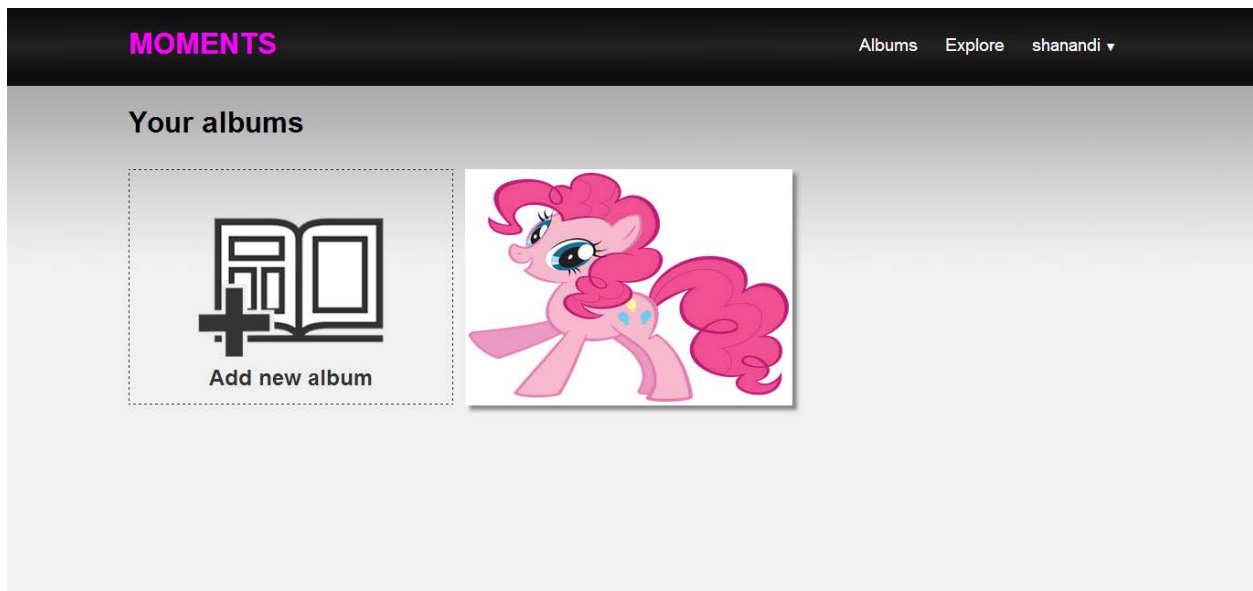


FIGURE 2: HOME PAGE

When hovering the mouse over a selected album, additional information will be shown: the album title and buttons to edit or delete the album.

EDIT PAGE

When clicking on the “Add new album” button or the Edit button on a selected album, the user will be redirected to the Edit page, where he can create or edit albums. The album contains pages – by default two – and those pages are displayed as pages of a book. The only required field here is the title. The user can add layouts to empty pages or delete existing layouts. The user can add pictures to the picture containers on the layouts, change the pictures or delete them (see Figure 3).

On this page the user can also set the privacy settings for the album, by checking the “Public” checkbox. By doing so, the album will be accessible to others when accessing the public link of the album.

The user can also add new pages to the album by clicking on the upper right corner of the right page. Then, two new empty pages will be added to his album, and he will be able to go back to the previous pages by clicking on the arrow in the middle of the left side of the left page. Clicking on the right arrow will turn the pages forward.

The user can access and edit all pages, all times.

The “Save album” button saves the album if a title has been provided, otherwise it notifies the user to fill the title field.

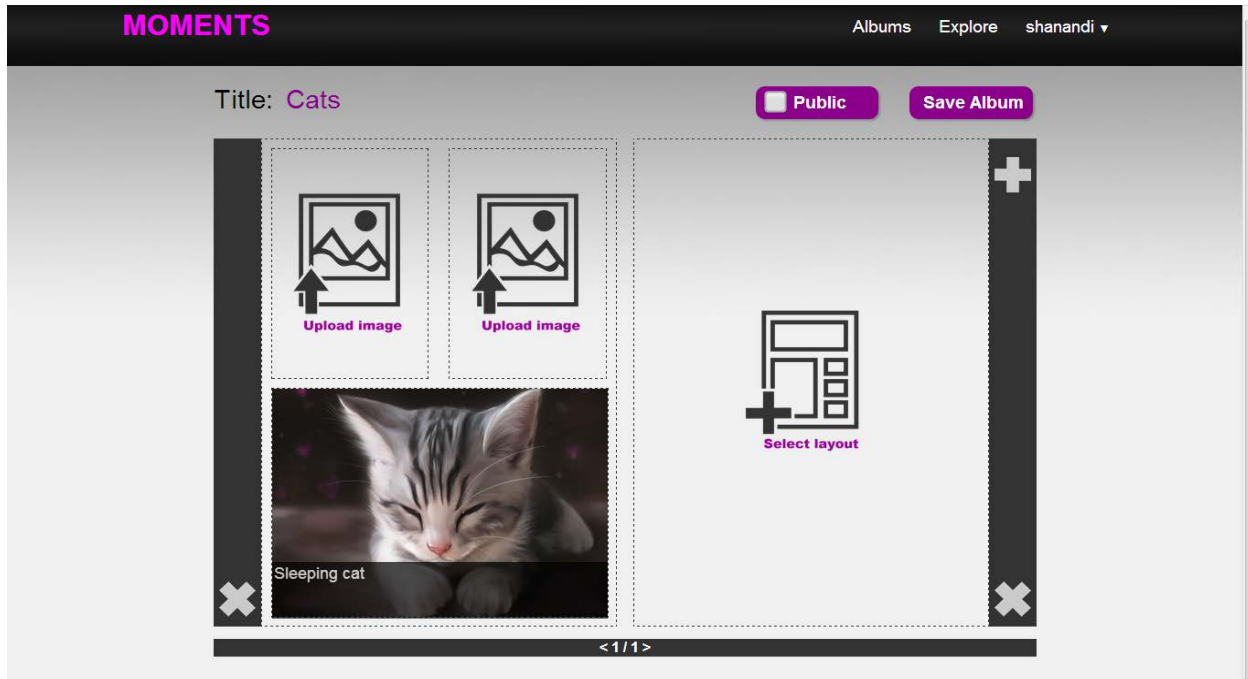


FIGURE 3: EDIT PAGE

VIEW PAGE

On the Home page, when clicking on a certain album (not the buttons on the album) a different layout will appear (see Figure 4). On this View page, the user can only look through the album, he cannot edit its contents. He can, however, share it via Facebook or order it. The Facebook share button shares the public link of the album, so others will be redirected to this same page and will be able to view the album without owning the album or logging in.

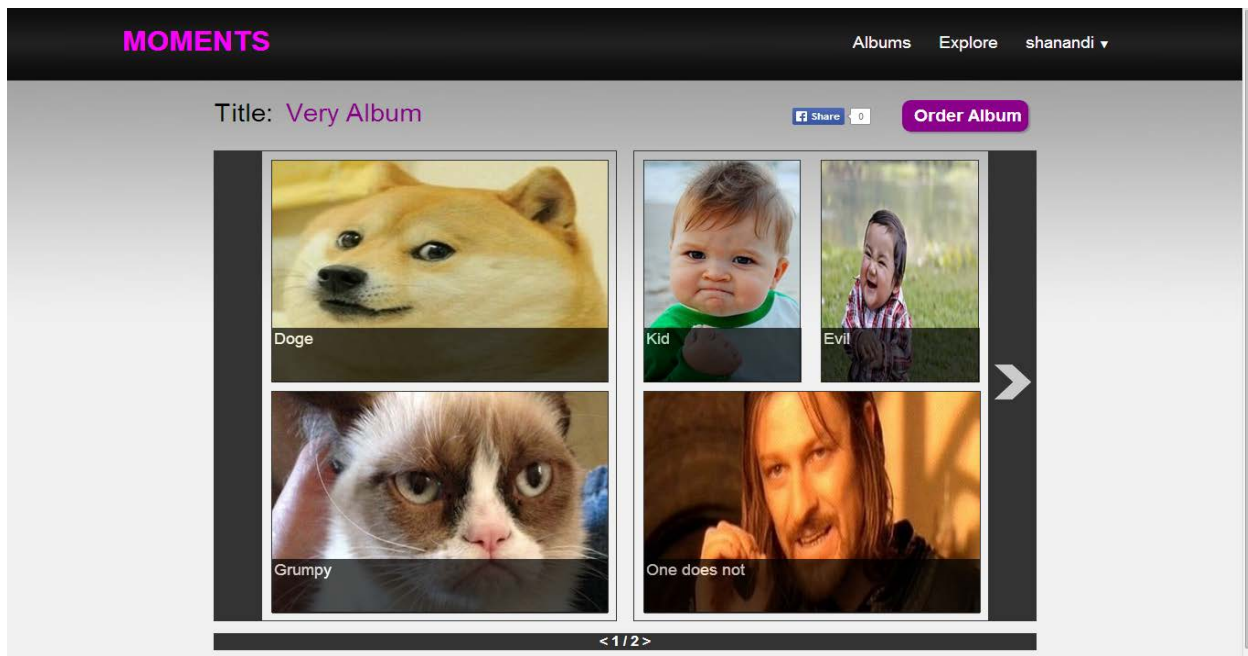


FIGURE 4: VIEW PAGE

The order button redirects to the Details page.

DETAILS PAGE

This page appears after the user – logged in or anonymous – clicked on the “Order album” button on the View page. On this page he is asked to fill his information: full name, post code, country, address, desired quantity of the album, and email address. When changing the quantity field, the price will be recalculated. The user is required to fill all fields correctly, otherwise the page will notify him about his mistakes and will not redirect him to the next page.

The user has the ability to go back to the previous page.

FIGURE 5: DETAILS PAGE

CONFIRM PAGE

After providing his information, the user will get another chance to verify that the details of his order are correct. He can still choose to go back and correct his information or to cancel the order.

PAYMENT PAGE

After the user verified his information and clicked on the “Order Album” button, he will be redirected to a payment service where he can pay or cancel the order. After the payment is made, the customer will receive an email with his order information and will be redirected to his home page in 5 seconds.

SETTINGS PAGE

The website has a header, and in that header there are three clickable menu points. The first one is “Albums” which redirects the user to his home page. The second one is “Explore” which redirects to the Explore page and the last one is his username, which is a dropdown menu, and displays functionalities such as “Settings” and “Logout”. The logout is obvious.

The Settings page lists the user’s payments so far with the album title, date of order, reference number and price. The album title is also a link, so that the user can always access the online version of the album he ordered (see Figure 6).

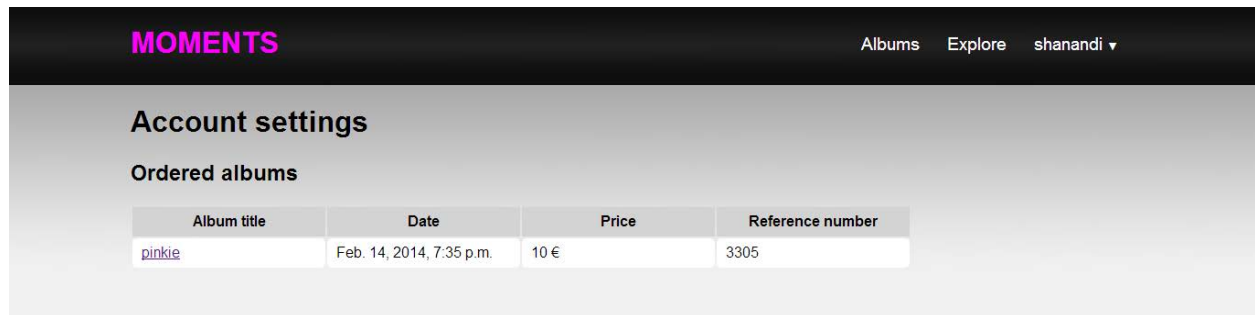


FIGURE 6: SETTINGS PAGE

EXPLORE PAGE

The Explore page is a plus functionality we implemented in our project. When accessing this page user can browse through all public albums and has the opportunity to share or order them (see figure 7).

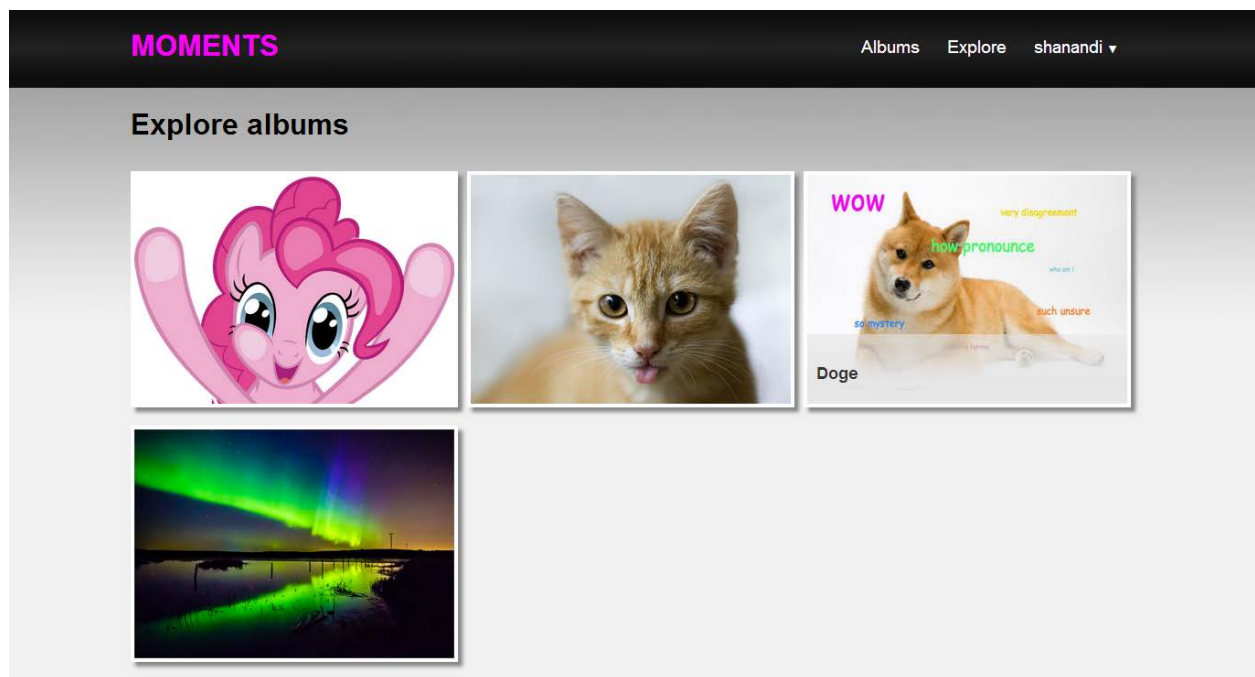


FIGURE 7: EXPLORE PAGE