AXSOS academy

Part-Time full stack web development Program

Project Name: Zoldyck

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Content List

Acknowledgements

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Chapter 1:

Introduction & Idea:

Using social web application in our life become a routine in our lifestyle, we use Social web applications for many purposes for example we use them for connecting with people in our life, news, making phone or video calls, education and marketing...etc.

So the idea of this project is to make a web application has some feature make the user able to post whatever they want on the main site page that allow all the users of the site to see the posted messages and photos and they will be able to make comments and likes for the posted message.

Also, there is a message system that allow users to send messages to their friends, also there is an option to send friend requests to other users, and they become friends if the other user accept the friend request.

And each user will be able to upload his own avatar photo.
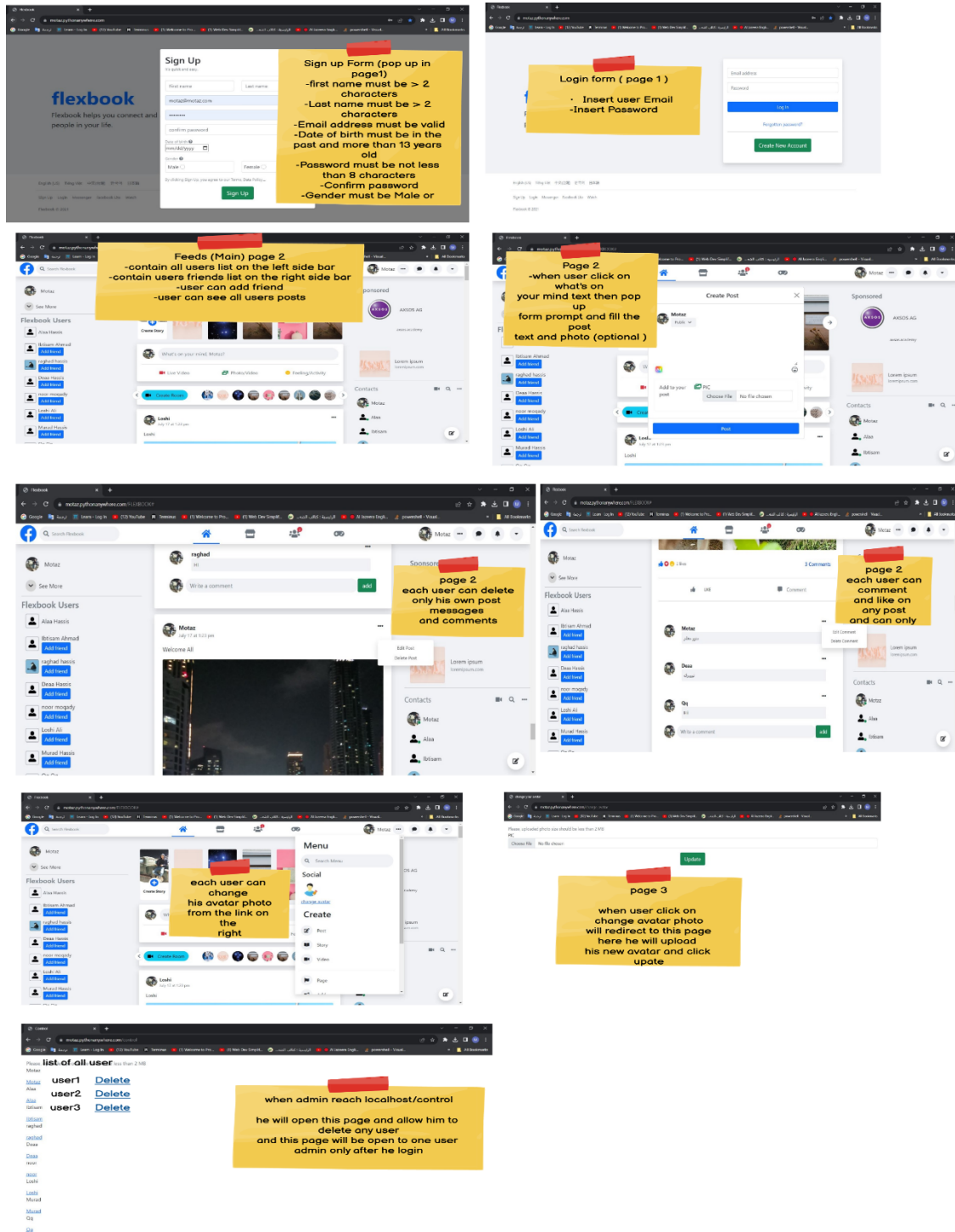
Chapter 2:

Requirements:

The project name is (' Zoldyck '), and the project will have the following features:

1- Let any user want to use the site to fill a Registration which will contain (First name, last name, email, password, date of birth and gender) and each user will have a default user avatar and he will able to change it after log in.

2- The site will also have a login form (email, password) for the user who already register and this will be helpful to add the security for the all the users.

3- The two above mentioned forms also will be have a check validation feature (Front and back-end) Which will be great to ensure that the entered information are correct.

4- To add more security for all users the application include password Bcrypt hash feature.

5- After the site user loge in, he will be able to add post messages which may contain text and image, and he will be able to make comments and like on his posts and other users post messages.

6- Also the user will be able to edit and delete only his posted messages and comments.

7- The user will be able to change his avatar photo.

8- The user will be able to add friends to his connections list.

9- For security no one can escape the Login & registration page by playing with URL without login.

10- Users will be able to send messages to the users listed in his friends list

11- Users can edit their own posts anytime.

12- The application contain five pages (Login & Registration Page, Feeds Page, messages page (one-one), Change avatar page and control page for the admins).

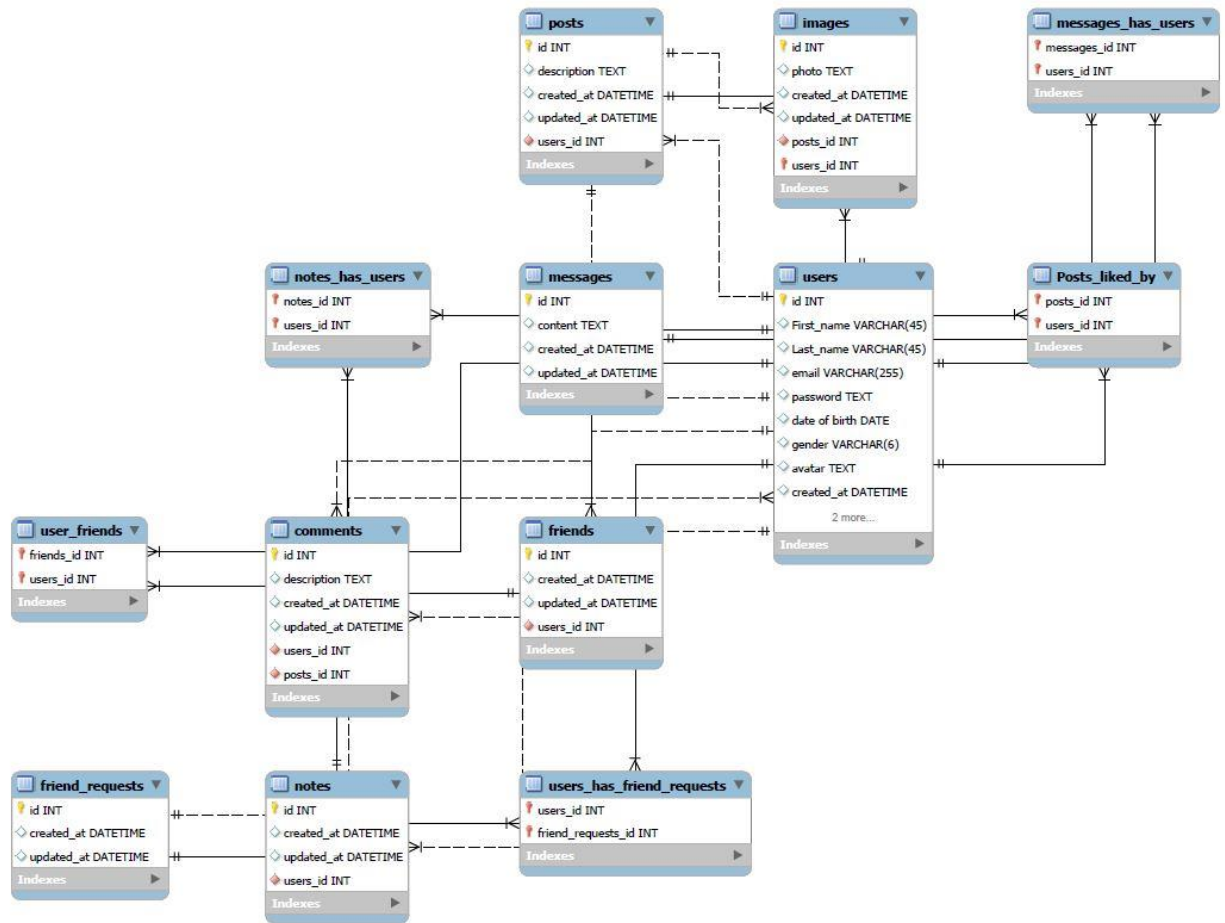13- This web application designed to be responsive where it can be displayed on desktop or mobile.

Chapter 3:

Wireframe:

Chapter 4:

ERD Diagram:

Links:

GitHub: https://github.com/MotazHassis/Zoldyck.git

Application deployed on: https://motaz1412.pythonanywhere.com/