Project Overview

Background

This project is to test and further develop a web-based ePortfolio system built by students studying in COMP30022 capstone project in Semester 2, 2020. Our team selected the SwatKats ePortfolio as our development object. Since this project does not have clients, our supervisor will play the role of clients as well. In the following 3 months, we will try our best to expand some significant functions according to new project requirements, improve the user interface design and debug.

Our team will run the project based on the Agile development model. This Confluence space will document the information of project. Trello is used as the kanban board. Team communication is in Microsoft Team and WeChat. Source code is in our Github

Goals

- To test the basic functions of SwatKat e-portfolio website and fix the bugs.
- To expand SwatKat by adding some functions and better meet the needs of the clients.
- To improve the UI design of SwatKat for easily using and visually appealing.

Github:

https://github.com/UG-SaltyFish/Team-SaltyFish

Trello:

https://trello.com/b/cu93oP9D/web-development

Team

https://teams.microsoft.com/l/channel/19%3acaaced1ae452430794af4b3ae58f0f0f%40thread.tacv2/%25E5%25B8%25B8%25E8%25A7%2584?groupId=fc19f6c7-16d5-4bc2-b0fa-280ffac11d19&tenantId=0e5bf3cf-1ff4-46b7-9176-52c538c22a4d

Stakeholders

Name	Photo	Contact	Role
Leon Sterling		Email: leonss@unimelb.edu.au	Supervisor Client

Team

Name	Contact	Team role	High-level responsibilities
Jiaxin Mo	Email: jimo@student.unimelb.edu.au	Back-end developer Scrum master	- backend programming - motivate the team - arrange and facilitate meetings - tasks assignment - maintain Trello - documentation
Xiaoyue LIU	Email: xiaoyue4@student.unimelb.edu.au	Back-end developer Client liaison	- backend programming - contact with clients and stakeholders - motivate the team - documentation
Chengyu Zhang	Email: chengyuz1@student.unimelb.edu.au	Front-end developer Testing lead	- design UI and add new features - design data samples / test cases - test product - maintain github - documentation

Jingjin Li	Email: jingjinl1@student.unimelb.edu.au	Front-end lead Quality assurance lead	- design UI and add new features - coach others - check the product - maintain github - documentation
Zihan Ye	Email: zy2@student.unimelb.edu.au	Front-end developer	- design UI and add new features - active participant - documentation

Requirements

Functional Requirements

1. forget password (email authentication code login)
2. google/fackbook/twitter login
3. edit background
4. progress completion prompt
5. privacy (who can see or not)
6. generate user`s ePortfolio URL (copy URL to clipboard)
7. send email to the user on its ePortfilo (online chat)
8. user setting page: reset password, email, name, contact detail, links for github/....
9. delete file/photo
10. "github/linkedin" buttons
11. "download as pdf" botton
12. "add/delete section" button

Non-Functional Requirements

1. language translation bug
2. unusable photo/transcript/gallery database
3. UI redesign: search bar, website logo/name, home page picture, word format

User Stories

User Stories

Motivational Model

Motivational Model

Software Architecture Model

Software Architecture Model

Project Timeline

Timeline & Gantt Chart

Written by Jiaxin Mo