

SWE573 2022 Fall

Project Final Deliverables

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Project: Later!

Git Repository: <https://github.com/ogulcan-tekinalp/SWE573>

Deployment URI: <http://34.245.44.136/>

HONOR CODE

Related to the submission of all the project deliverables for the Swe573 2022 Fall semester project reported in this report, I **Oğulcan Tekinalp** declare that:

- I am a student in the Software Engineering MS program at Bogazici University and am registered for Swe573 course during the 2022 Fall semester.
- All the material that I am submitting related to my project (including but not limited to the project repository, the final project report, and supplementary documents) have been exclusively prepared by myself.
- I have prepared this material individually without the assistance of anyone else with the exception of permitted peer assistance which I have explicitly disclosed in this report.

Oğulcan Tekinalp

Signature:

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Overview

Later! is a web application, which users can save content from any website to visit, read, watch later. Users also can follow each other to see others' Later's.

Username (User): ogulcan

Password: 123asdASD?

Admin User (34.245.344.136/admin): admin

Password: 123asdASD?

Later!
ogulcan
Log Out

Vergi affi başvurusu | <https://turkiye.gov.tr/vergi-affi> (Dec. 27, 2022, 3:30 p.m. by ogulcan

Amazon iş başvuru | <http://amazon.com/basvur> (Dec. 27, 2022, 3:33 p.m. by ogulcan

Mikrodalgada yumurta haşlama tarifi | <https://instagram.com/yumurta> (Dec. 27, 2022, 3:34 p.m. by ahmetmehmet

Add a Later

Later something...

Link:

Later!

All Profiles

My Profile

Software Requirements Specification

Functional Requirements - User

User should create a new account.

User e-mail should be unique.

User's username should be unique.

User should have a password.

User password should not be similar with the user e-mail address.

User password should not be similar with the username.

User password should contain at least 8 characters.

User password should not be a commonly used password.

User password should not be entirely numeric.

Users should be able to post Later posts with a body and link.

Users should be able to reach their posts in their profile page.

Users should be able to follow other users.

Users should be able to unfollow other users.

Users should be able to reset the password.

Users should be able to see the time of the later post.

Users should be able to see the date of the later post.

Users should be able to log out.

Functional Requirements - System

The system should list all Later's on dashboard.

The system should list user's Later's on their profile page.

The system should save posted laters on database.

The system should be always available.

Th system should send e-mail for forgotten passwords.

The system should reject the strings, which are not links.

Non-Functional Requirements

The application should be developed with Django.

The application should use PostgreSQL database.

The application should be deployed to AWS EC2 virtual server.

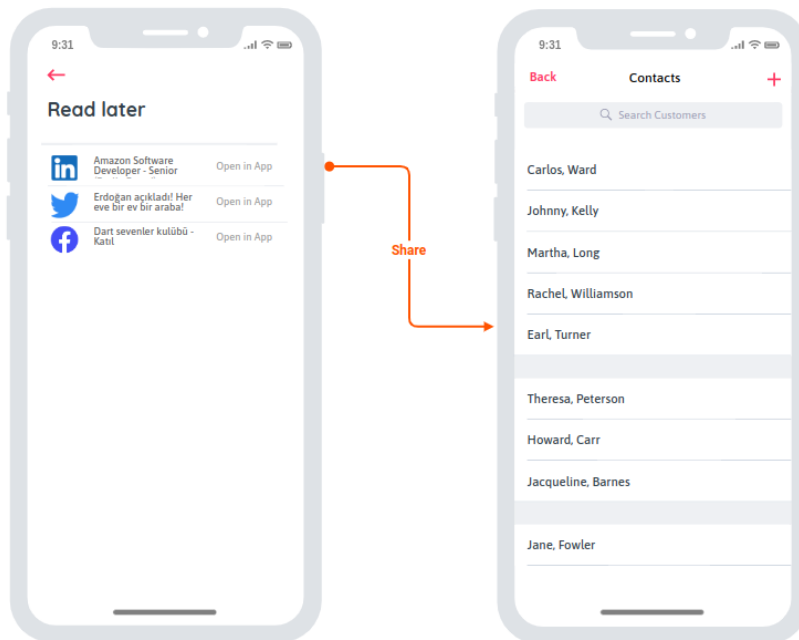
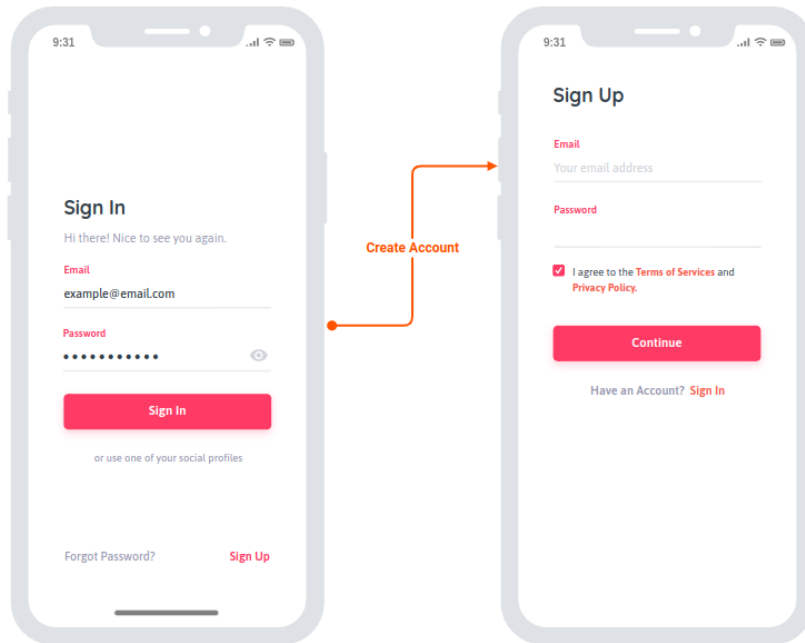
The App should be in English.

The App shall be developed with Python 3.

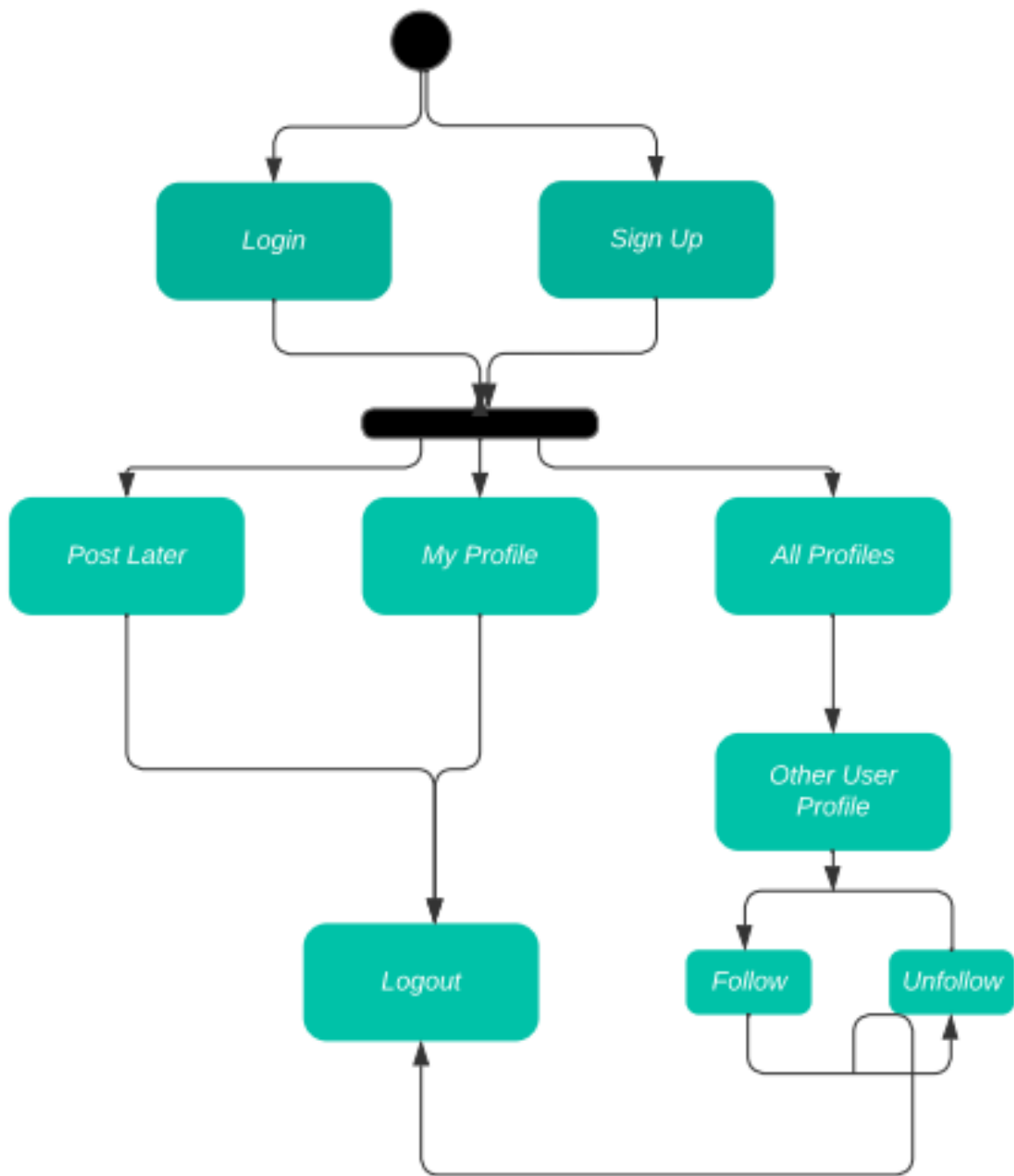
The App should be containerized via Docker.

The Database should be containerized via Docker.

Mockups



UML



Status of Deployment

The dockerized and deployed application can be reached on below address. <http://34.245.44.136/>

It is deployed on AWS EC2 virtual server. Docker files can be found in github.

System Manual

1. Install Docker
2. Install Python
3. Download source code
4. Go to project directory
5. “docker-compose up –build”
6. Go to the provided link on terminal

Functionality Video

<https://youtu.be/mc9ZccNGKuM>