

DreamSetGo Backend Engineering Assignment

Introduction

This document outlines the requirements for a software application that will allow users to register, login, update their user profiles, upload their photos, share photos with other users and view their own photos as well as photos shared by other users with them.

Feature Requirements

1. User Registration

Users must be able to register with the application by providing their name, email address, and a password.

2. Login

Users must be able to login with their email address and password.

3. User Profile

Users must be able to update their user profile with the following information:

- Name
- Email
- Password
- Profile picture

4. Photo Uploads

Logged in Users must be able to upload photos to the application.

5. Sharing Photos

Logged in Users must be able to share photos with other users.

6. Photo Viewing

Logged in Users must be able to view their own photos as well as photos shared by other users with them.

Tech Stack to be used

Backend - ExpressJS

Database - MySQL running on Local Host

Filestorage - Local Folders

Acceptance Criteria

1. All above functionality should be working on your local machine
2. When we hit the URL of images on browser (on your local machine), it needs to get downloaded automatically or must be viewed in browser tab.
3. There needs to be a JEST test suite to automatically test the code.

