

To Do App

Image Access App

General:

Language Version: Latest

Framework Version: Latest

Tests: Optional

Frontend U.I. Yes

Documentation

Just document your methods

Database

MySQL, Postgres or SQLite

Instructions:

Create an application on the web framework of your choice to manage Tasks and Projects.

You can develop the application on the way you want but consider the following instructions:

1. Users can register and login the App by email/password or Facebook.
2. Any user can go to the home page and see their respective projects.
3. The user should be able to add/update/delete projects.
4. The user should be able to add/update/delete tasks to a project.
5. The user should be able to prioritise tasks within a project.
6. Task can be mark as 'done'.
7. The user should be able to add comments to their tasks.
8. The user should be able to delete comments to their tasks.
9. The user should be able to attach files to comments.
10. Add/Update User profile Page and attach profile picture.

Try to have a nice Look for the pages.

NOTE: You are free to add javascript functionality on any place of the application. You can use styles and everything you want.

Technical Requirements

It should be a WEB application:

For the client side, use HTML5, CSS3, Bootstrap, Javascript, and jQuery;

For the server side, use Ruby on Rails.

It should have client side and server side validation;

Client side dependencies should be managed by yarn;

It should work like a single-page WEB application and should use AJAX technology (load and submit data without reloading a page);

It should have a user authentication solution. The user should only have access to his/her own projects and tasks (Devise, Pundit);

It should have automated tests for all functionality (models - RSpec, controllers - RSpec, acceptance/functional tests - RSpec + Capybara);