

Full Stack Task

Assumptions

- Supervisor and Employee are the same user entity distinguished by role (is_admin : false/true)
- Supervisor can
 - create a project for an employees
 - can split the project into micro-tasks and then assign employees to work on it
- An employee can submit the task is done with writing details about it.
- Once the task is submitted, it cannot be edited or resubmitted

Tech Stacks (Tools)

- Backend: (PHP) Laravel
- Bootsrap, js es6+
- Database: MySQL or Postgres
- Docker compose

Working Functionalities

- 1 . User authentication (Login and Logout)
- 2 Admin user can
 - create/view/update/ delete projects.
 - create/view/update tasks with the ability to reassign employees.
- 3 . (employee user can do these actions):
 - Displays a list of tasks and it's details to the authenticated user.
 - Once the task is submitted, it cannot be edited or resubmitted

Acceptance Criteria

1. Write your code using SOLD concepts
2. comment your code using PHP Documentor
3. We strongly recommend creating a custom README.md
 - it should contain the following
 1. prerequisites
 2. setup
 3. any additional notes
4. postman collection for the API

Nice to be included

1. Write unit tests for every endpoint you have been created
2. use docker for creating deploying app as an image