



Full Stack Machine Test Question

Task Time: 5 - 6 Hours

Instructions

Develop an application in PHP using the below mentioned requirements. It is ok if you are not able to complete the test within the given time. Just attempt and give your best within the given time and prioritize on sections that you think are important based on the requirements given.

Requirements

Create a web application in which the logged in users can upload a file and select users who can view the same. The system should contain an admin user and any number of normal users. The application should contain the below functionalities.

Admin

- Hardcode admin credentials and insert it into the database via code so that if we call the script to create the admin user (seeder script)

Login

- Admin as well as normal users can login to the system

Dashboard

- This is the page where the files of logged in user is listed
- If the logged in user is admin, then all the files. Otherwise show the files which are assigned to them

File upload

- Admin as well as normal users can upload new files into the system.
- While uploading the file, it should be possible to select the users who are permitted to access/view the file
- Edit/Delete uploaded file [edit as in if the same file is downloaded and reuploaded it should replace and not create a new one]

Manage users

- Admin can add new users into the system with their name, email and password
- Edit/delete user

Notes

- The project should have version control (commit and provide us the GIT repo)
- Should have a bare minimum Readme with clear instructions.
- App's functionality and the way you approach it is of the highest importance, having said that, do give some attention to UI and don't ignore it completely. And you can for sure use any existing markup template for UI and don't have to create it from scratch.
- Code base structure and readability is important

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