

Coding Academy By Orange

TechnicalHUB Web Application

This document outlines a Project Brief, Goals and Technologies used.

➤ Brief

- This Project will be used to provide users with the most frequent interview HR and Technical Questions.
- Help self-taught programmers who wants a clear roadmap to enter the industry.

➤ Goals

- Increase the chances in getting a job.
- Stay up-to-date with all new interview technical questions.
- Helping career shifters who wants to enter software industry.

➤ Specifications and expression of need

- The need of one platform to collect all interview questions.
- Helping job seekers to prepare for their next technical interview.
- The need of a clear roadmap for those who want to start their career in technical field.
- Provide a clear roadmap for programming learner and save them from distraction.

➤ Technologies and Software Used.

→ Hyper Text Markup Language (HTML).

Html the standard markup language for Web pages.

→ Cascading Style Sheets (CSS).

CSS is the language we use to style an HTML document. CSS describes how HTML elements should be displayed.

→ Bootstrap Toolkit.

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains HTML, CSS and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

→ Javascript.

JavaScript, often abbreviated to JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior, often incorporating third-party libraries.

→ PHP.

PHP is a general-purpose scripting language geared toward web development.

→ Laravel.

Laravel is a free and open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications following the model–view–controller architectural pattern and based on Symfony

→ Visual Studio Code Software.

Visual studio code is a code editor redefined and optimized for building and debugging modern web and cloud applications.

→ Git version control.

Git is a free and open-source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

→ GitHub.

GitHub is an Internet hosting service for software development and version control using Git.

➤ Main Features

→ Guest:

Can't see website features since he/she not logged-in.

→ User:

- ☐ User can register.
- ☐ User can login.
- ☐ User can access all provided most frequent interview questions.
- ☐ User can access all provided technical roadmaps.
- ☐ User can access all recommended courses provided in the website.
- ☐ User can add review to the website.

→ Admin:

- ☐ Admin can access admin dashboard.
- ☐ Admin can delete user reviews.
- ☐ Admin can add recommended technical courses for users.
- ☐ Admin can delete users.
- ☐ Admin can add interview question categories.
- ☐ Admin can add interview questions.
- ☐ Admin can add technical roadmap.