

Planning

#codeclan/final_project/planning

1. Target Audience

- Coders looking for a daily challenge (consolidate knowledge)
- Devs preparing for interviews (makes the process more enjoyable)

2. Content and Curriculum

- Start with Python
- 3 questions a day
- Mix between technical question and code questions

3. Interactive Learning

- Correct answer - pop up (motivational congratulations, explanation of answer, points, move on to next question)
- incorrect answer - pop up (commiserations, explanation of answer)

4. User Experience and User Interface

- Clean and intuitive interface
- Sound effects

5. Gamification and Motivation

- Daily streak
- Point system
- Progress tracking
- Solution hint

6. Tech Stack

- React
- Spring (Java)
- PostgreSQL
- Tailwind (UI libraries on top)

7. Team Roles and Responsibilities

Problem Statement

As a CodeClan graduate, it is easy to forget everything we've learned over the last 16 weeks.

Objective

We are developing an app to enable CodeClanners refresh and maintain their new technical knowledge so that they can feel confident and prepared for upcoming interviews.

MVP User Stories

1. As a recent CodeClan graduate, I want to refresh and test my technical knowledge daily.
2. As a recent graduate and interviewee, I want to test my python knowledge and feel prepared for interviews.
3. As a software developer, I want to test my python knowledge daily and monitor my progress on a leaderboard.

Target audience

CodeClanners, Graduates and Software Developer Interviewees

MVP Scope

Python, Authentication, Responsive, Sound effects

Out of scope (extras)

Suggest intermediate and expert levels

Mapping congratulations to the questions

MVP

- A user should be able to intuitively Interact with quizzing app where the user can learn code through daily multiple choice questions.
- A user should be able to earn rewards (eg winning streak, star power, points, medal system)

Extensions

- A user should be able to log in through authorisation (etc google api)
- A user should be able to view their own profile (score, name, avatar)
- A user can see leaderboard