

Release plan 3:
Heat-code
Teamname-atomics
Release: Final release plan
Revision number: 4
Revision date:07/15/2022

- High level goals:

Be able to solve code on a website
Have fully integrated frontend with backend
Website can time how long it took to solve
Have fully integrated front end with backend
Have user code obtain an output of how many tests were passed and returned to front end
Have code given by user run in docker

- User stories for release:

o Sprint 1-8 points

User story 1:

("As a programmer, I want a home page for the website I'm using") Points: 5

User story 3:

("As a programmer, I want a set of problems to practice from") Points: 3

down into Sprint 2 if not implemented in Sprint 1)

Sprint 2- 6 points

User Story 1:5 points

User story 1("As a user, I want to solve the same interview question as my friends, so as to encourage myself to practice more.") Points: 5

User Story2:1 points

As a programmer, I want to see how many test cases I passed when I ran my code, as well as how long it took me to submit a workable version that way I can see where to improve

(story points) User story N (lowest priority for Sprint 2, but might bump down to Sprint 3)

Sprint3: 17 points

User story 1: 8points

As a programmer, I want to be able to solve a problem on a online website, that way I can have a location to practice for my coding interviews.

User Story5: 8 points

As an interviewee, i want to write and submit my code for interview questions on a website, so that i dont need to worry about where i will code.

User story 3:1 point

As a user, I want to be able to see a leaderboard where I can compare my speed with my other peers.

- Product backlog:

Interface comparing score to others.

Side by side, leetcode with another person in real time

Connection to social media

Score and skill rating for people based on performance

As a user, i want to see how my friends and competetors are solving a problem at the same time as i am

As a programmer, I want to be able to log in to save my progress

As a user, I want to keep track of my improvement over time

As a programmer, I want to see how efficient my solution is compared to other people who solved the same problem, so as to encourage myself to work harder at making more efficient solutions.

As a user, I want to solve the same interview question as my friends, so as to encourage myself to practice more