CODE PEN :)

→ Intro :
  → what is it?
  → Walkthrough
  → MODES   PRO⌐ → Collab Mode (Diff from Github)
                  ⌐ → Professor Mode
                  ⌐ → Assets

Edit in real time ↑

→ What is it?

  → front-end playground

  → Allows us to create the "pens" where we can add the HTML & CSS & JS & render it in the browser live.

  → Great way to try out new concepts.

  → Great platform to show-off some skills.

  → No need to create the whole web-page.

  → Also Also a great way to get & inspiration as we can follow other people. There is a whole community

TARGET AUDIENCE :→ → For front end

→ Students / teachers / developers / learners.

→ People who are new or who wants to start or even the people who are pros.

→ Web Development intermediate experience is necessary for using the platform.

→ Experience of syntax & languages for front-end is required.

SUPPORT :→

→ Very huge community of web Developers is actively using codepen.

→ If you run into any problem, community is huge so they'll support.

→ Apart from that, codepen technical support team is there for support in a very short time.

→ Community also help each other in Spark, Challenges. Topics (in various tasks, libraries / patterns).

First Time User:->

STUDENTS

x -> Very easy for first time user.

-> Interactive design allow user to navigate easily in the platform.

-> Easy process -> Just sign-up with an email.

-> Click on | Start Coding |

OR

-> Click on Pen for various frontend tech.

-> Write the code & Enjoy! 😊

-> Can also collab with other students & instructors.

INSTRUCTORS:->

-> No seperate account but these is a mode that allow the user to teach the whole class live by just sending out the URL.

-> Instructors can easily toggle b/w various modes by just one click on "change-view"

-> Also collab with students.

→ **CHALLENGES:** →

> → Only challange is that in order to get into these modes one must be a PRO member. Having a free account cant do things like LIVE VIEW, COLLAB MODE, Professor Mode, Presenta -tion Mode.

> → And this challange could be heavy on the wallets of some students who likes to be in a budget.

ENGAGEMENT: →

> → Platform is highly engaging as users can build projects on various Technologies like vue, flutter, React, flutter & list goes on.

frame work + libraries + UI Patterns + Topics.

> → Very interactive interface with beautiful graphics & animations.

> → No voice & video chat functionality

> → STUDENT Interest - Yes! ——

FEEDBACK:-

→ Well speaking of feedback, student can get live feedback from the instructor if they are using collab mode.

→ On the other hand, instead of sending whole Github code, student can send the link of the pen created to get the feedback.

→ Apart from that, there is a whole community to help if someone is stuck community members will be happy to assist.

→ Codepen feedback is also an excellent feature that I came accross during my initial days of coding, instead of writing the whole code, the editor allows emmets & snippets which helps in super fast coding.

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How It help Students to learn :->

→ In my experience, when I first started using it in my course I felt it very fascinating as it allowed me to code without typing the whole structure.

→ It helped me to just write the code in the browser's window not on some heavy code editor that I've to install on my machine.

Also, Presentation Mode

→ My instructor used codepen to teach the whole class & one of the most powerful thing was, that we did'nt had to ask for the code everytime after the class. The code was there at all times saved in the pen..

→ Learning curve even gets higher when we enter in the collab mode. Students can interact with their classmates to learn new skills or teach new skills.

→ I also went from a student to instructor, teaching a small group of students, and with this amazing tool I was making an earning.