MoroccoAi Hachath

Codify

REVOLUTIONIZING THE WAY CODING IS TAUGHT

Codify

Why Codify

01

Coding is harder for beginners

Codify addresses the challenge of coding complexity for beginners, providing tailored guidance to ease the learning curve and empower new coders.

02

Unstructured online content

Codify tackles the issue of unstructured online content, offering a clear and organized learning path to prevent learners from getting lost in a sea of information and promote a deep understanding of coding concepts.

03

Unclear student evaluation in current systems

Codify revolutionizes student evaluation by prioritizing comprehension over completion. We assess students based on their interactions, ensuring a nuanced understanding of coding concepts rather than mere task completion.

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Who can use it

Teachers can also use it

Provides teachers with the flexibility to craft personalized curriculums and conduct student evaluations with ease.

Designed for beginners

Primarily tailored for beginners, Codify offers a user-friendly platform for anyone seeking to learn coding.

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How is it different

Aspect	Codify	University/School	Online Courses (Coursera, edX)	Immersive Coding Schools (Holberton, 1337)
Accessibility	Available 24/7	Scheduled classes	On-demand courses	Full-time, intensive programs
Personalization	Tailored hints & guidance	Fixed curriculum	Self-paced learning	Hands-on projects and teamwork
Interactivity	Live chat, real-time help	Classroom lectures	Forums, quizzes, assignments	Pair programming, mentorship
Evaluation Approach	Interaction-Based Evaluation	Traditional exams, projects	Automated quizzes, assignments	Real-world projects, peer code reviews
Beginner Friendly	Yes, tailored hints & guidance	May vary based on courses	Introductory courses available	challenging for beginners

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Market Size and Traction

Real world statistics

After being a local **organizer of a hackathon for teens**, I surveyed participants about their interest in learning coding, and **15 out of 20 enthusiastically expressed a desire to learn**.

75%

Real Quotations

Mohamed - University Student

"I didn't know such a chatbot existed; it's a game-changer for learning."

Mohamed - 9th Grade Student

“I want to build a coding learning platform because there's a lack of content out there.”

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https://codify.streamlit.app/

How can it do that

Try Yourself

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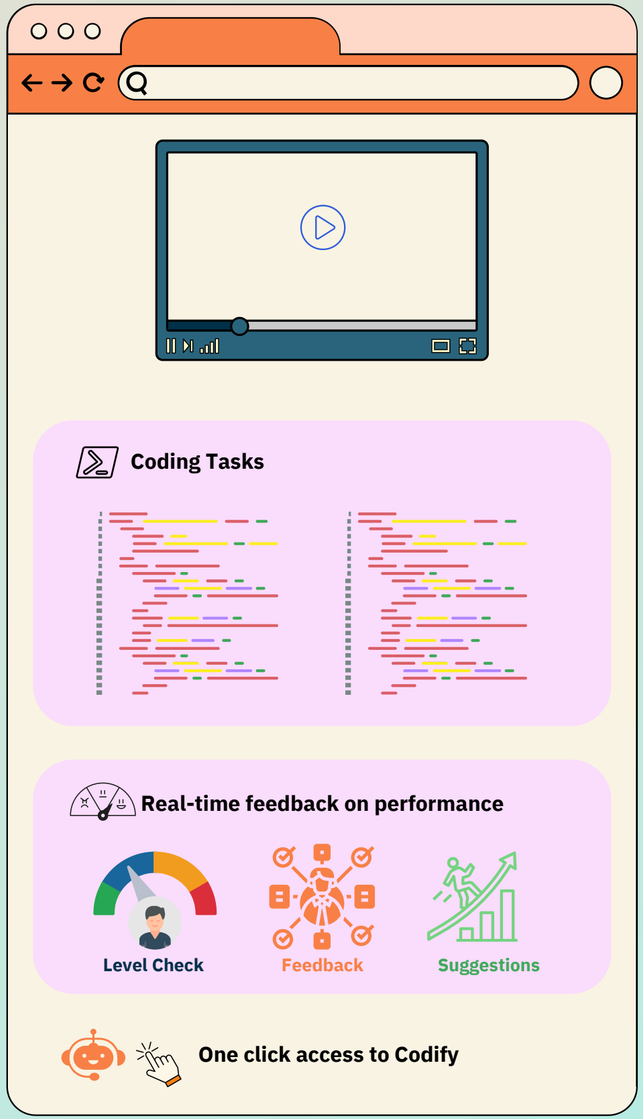
Where it fits

1 **Stand-alone Product**

2 **Integration into Schools like 1337**

3 **Full Vision**



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Moving Forward

It can only get better

Current version

- Step-by-Step Guidance
- Correct & Feedback
- Conversation-Based Evaluation

Advanced version

- Advanced Feature Improvements
- Add full support to Moroccan Darija
- Make it more adaptive and personalizaed

Digital Companion Vision

Envisioning Codify as your digital companion – understanding your level, tracking tasks and challenges, proposing improvements, and serving as a personalized guide on your coding journey.

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Post-Hackathon

The journeyforward

01

Idea Evolution

The concept of Codify took root before the hackathon, gaining refinement during my fellowship in the CGI U program. The hackathon added a transformative piece to shape Codify into what it is today.

02

Team Building

As we speak, I'm in the process of assembling a dynamic team to bring Codify to life, ensuring a robust and impactful product launch.

03

Financial Strategy

Exploring diverse avenues to secure funding and support for Codify, charting a strategic course to ensure sustainable growth and success.

04

Product Launch

With the team in place and financial strategies underway, the next milestone is the official launch of Codify, bringing our vision to the coding education landscape.

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Meet the Team

Mohamed El Ghafiani

Founder

I am a third-year PhD student in Physics at the Faculty of Science in Oujda, concurrently enrolled in the software engineering program offered by ALx. A fellow at The Room—a community uniting like-minded individuals across Africa—and a graduate of CGIU.I am fueled by a love for learning and applying knowledge to make a positive impact, with a dedicated mission to contribute to a better world, particularly in Morocco. I have a deep appreciation for technology and an unwavering belief in the future.

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The Future is Moroccan