

{COCODE}

Learn, Solve, Empower

The image shows a laptop displaying the COCODE web interface. The screen is divided into several sections:

- Code Editor:** On the left, there is a code editor showing C++ code for a recursive function. The code includes comments and a `main` function to test the recursive function.
- Whiteboard:** In the center, there is a whiteboard with a balance scale diagram. The scale is tilted, with the right side being lower. Handwritten text includes $n = \text{target}$, $n - w$, and $n + w$. There are also small icons of weights on the scale.
- Peer Tutor:** On the right side of the whiteboard, there are two avatars. The top one is labeled "Peer Tutor" and the bottom one is labeled "Me".
- Background Article:** The background shows a blurred article page with sections like "Concept 2", "Continue Reading", "Save to Learn", "Save to Teach", and a "Video Gallery for CHEMoWIZrDy".

Problem:

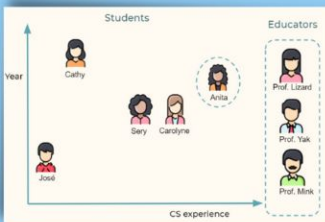
Peer collaboration in CS courses is **ineffective**, **inconvenient**, and it could trigger **impostor syndrome**

Solution:

A **welcoming**, **low-stakes** space for students to **code**, **learn**, and **share** their knowledge with peers

Design Process

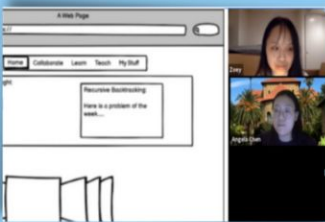
Need Finding



Lo-fi Prototype



Usability Testing

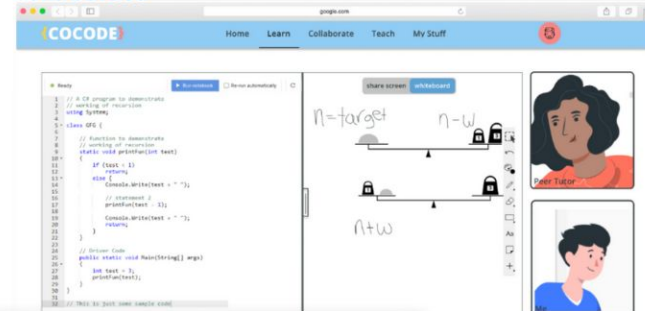


Mid-fi Prototype

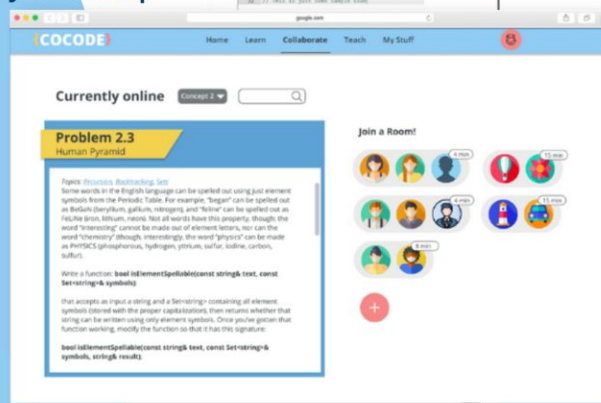


Learn, Solve, Empower

Collaborate



Join a Group



Browse Problems

