

Application name

Problem

As online coding platforms have become more popular over the recent years, there is little knowledge of their quality and effectiveness in teaching core programming principles. Most online coding platforms are still immature and do not achieve some key principles in educating the topic. Little feedback is given to the student, and upon reaching the checkpoints, the learning material is not being fully grasped.

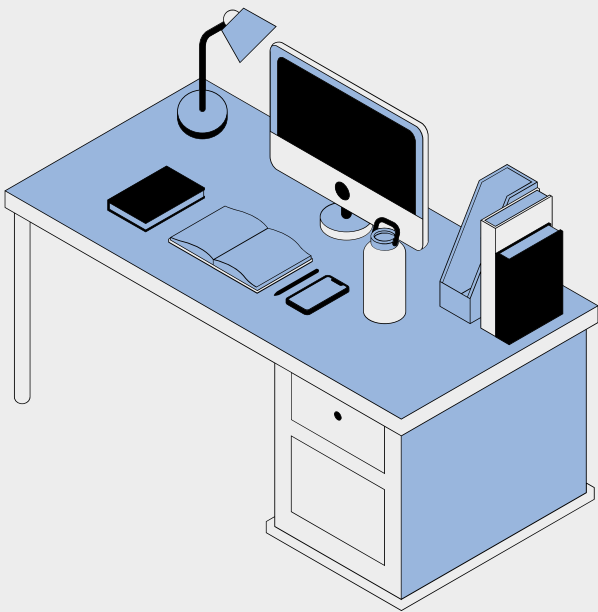
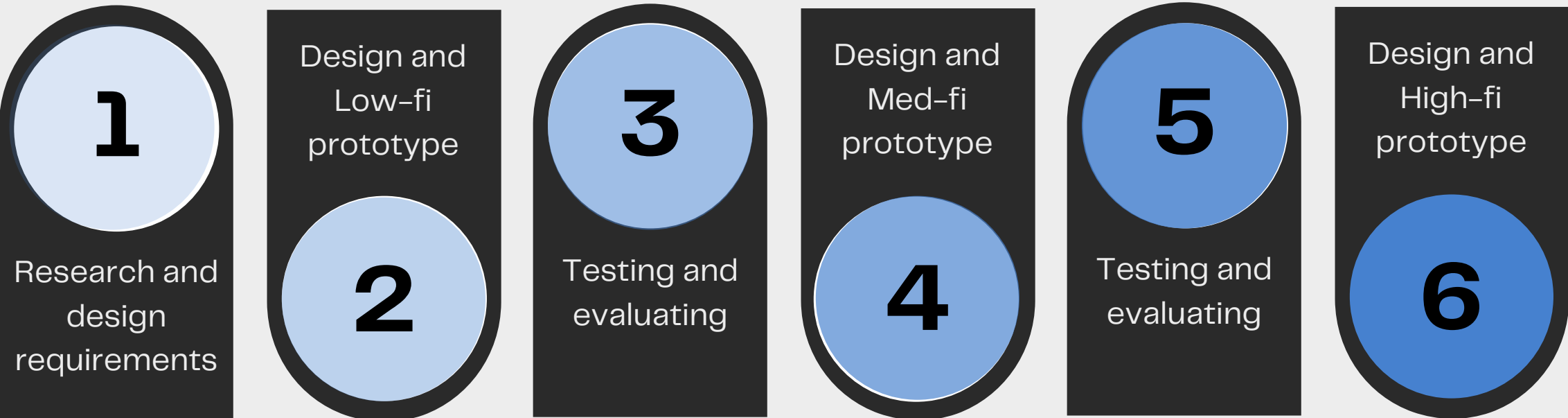
Design



The online learning platform connects groups of students in a team to solve different coding tasks together. By connecting people together in a group, the platform ensures a qualitative learning process where material can properly be processed and understood, in a social environment. Opening up a conversation about the material from the very beginning, students will be able to help each other throughout the course.



Design process



Future work

The application could incorporate video lessons and forums where students can ask open questions and other students or teachers can reply to the posed questions. In addition, the platform could add