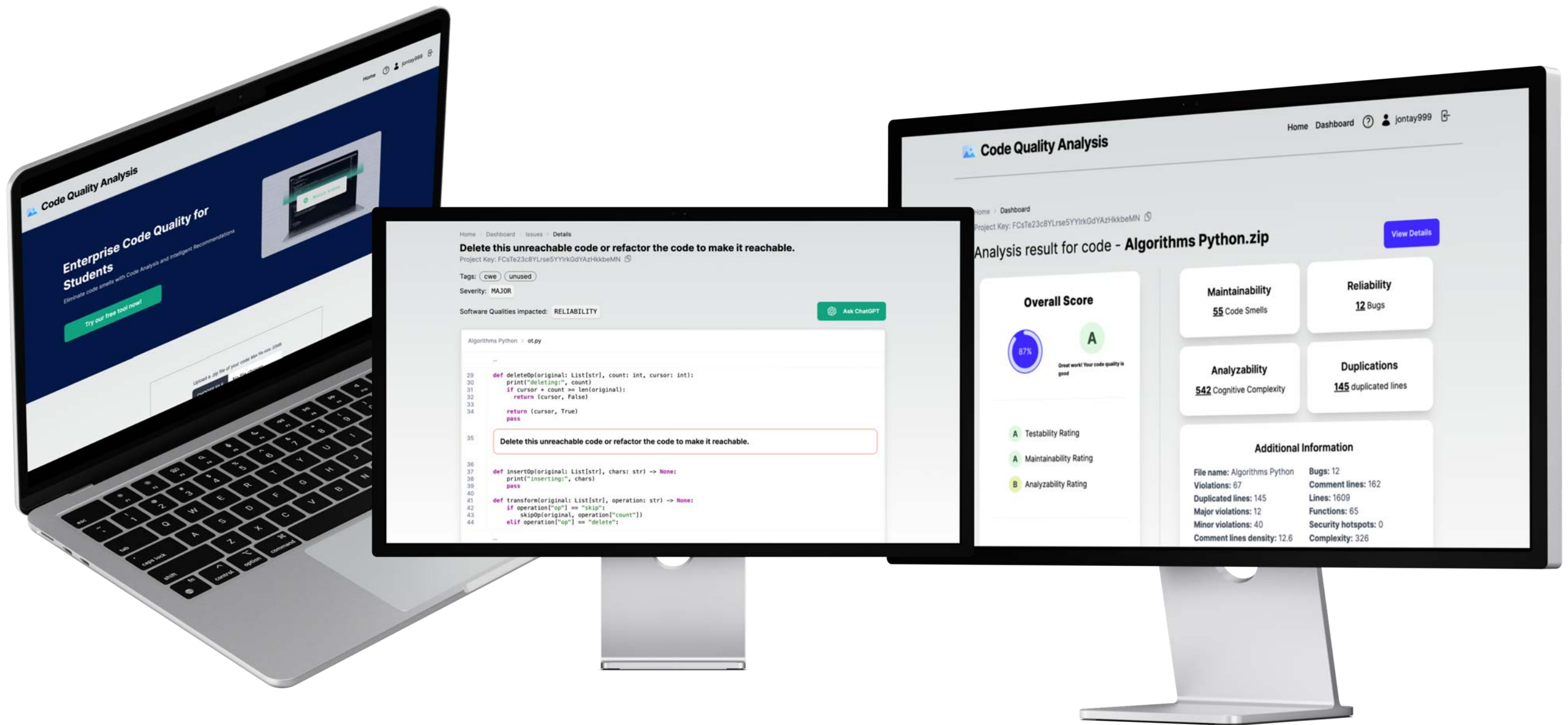# Automatic Code Analysis

Enhancing accessibility of code analysers for students to write clean and maintainable software

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Project Objectives:

To provide accessible guidance for students to learn how to write maintainable code. Software engineers need to write code that will be read and built upon by many other programmers, so it is important to write clean code. Code analysers exist but they are typically difficult to configure. In this project, students can easily drag and drop their code into the web analyser which will identify software quality issues, also known as "code smells", and recommend fixes via a fine-tuned Large Language Model.

Tech Stack   OpenAI   NextJS   sonarqube   DigitalOcean