**Quiz Application**

Software and Tools:

* Frontend:
  + HTML5
  + CSS3
  + Bootstrap5
  + JavaScript
* Database:
  + Firebase – Firestore
  + **Note** - Firebase SDK needs to be installed.
* IDE:
  + Visual Studio Code

Firestore structure:

* administrator – Username/Password/Code - admin/admin/admin
* admin – Sign up as admin
* questions – List of questions added by the admin.
* users – List of users logged in to take the quiz.
* Registration – List of all registered users

Features:

* Administrator
  + Login
  + Approve/Delete users/admin
* Admin:
  + Login/Sign Up
  + Add/Modify/Delete Questions
  + View Users
* Test Takers
  + Login/Sign Up
  + Take Quiz
  + View Score
  + View questions and answers after the quiz is over.