

Quiz Android App

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The goal of this project is to create an Android app in Android Studio with java and the MVC Model. Our app will be a quiz app that allows the user to take various quizzes and compete against their friends in head to head quiz competitions. The app will start with a starting screen which will allow users to go to another page with all the quizzes available, or a page with settings for the app. There will be multiplayer quizzes, as well as single player quizzes. The single player quizzes will be timed, and the user tries to get as many correct as possible. The multiplayer ones will be two users answering the same questions, and whoever gets more of the questions right wins. The results will be stored in a database and your results in the quiz will be compared to everyone else's results. The settings page will allow the user to change some of the app's colors that are displayed. There will also be sounds that play on correct questions, incorrect questions, and some background music.

The app will have a central theme that is configurable, so that the look of the app stays the same throughout the app. The strategy pattern will be implored to make a template of a quiz that can be implemented by the various quizzes we will make, one for singleplayer quizzes and one for multiplayer ones. Our group will use Github to collaborate on the project with regular meet-ups to make sure the development of the app is on course.