

## Sprint 2 retrospective

For second week, we have finished bulk of the work for our apps. Lateef did move our database from sqlite to firebase, Ezra worked on change user's password and extra challenge functionality, david worked on reset password and Nazmus worked on question page template and added questions to the database.

We primarily decided to work on the google cloud SQL database and making preparation to move our database on it. However, there were two major problem we faced. First Nazmus, the SQL database maintainer, had difficulty creating database to google cloud and we did not want spend anymore time trying to solve this problem. Second, we needed a email server to send a link to their email address and they would use that link reset the password. We needed to learn about email sever and possibly about docker. That is why we decided to use firebase as our cloud service since its doing those works for us. So lateef moved our database to the firebase and made sure the login and registration page is working. He created gameplay layout which shows the question, answer and the grade at the end. He then connected it to firbase to show the correct questions with the correct modules. He created Leaderboard page and a database structure for Awards system. Ezra worked on the change password UML and java code. He is rying to configure the authentication from the user to be able to change their password. Also worked on the extra challenges page, working on the UML and the java code. He is trying to configure and make sure that the extra challenges page gets through when the user finishes a module. David worked on reset password page. He is trying to make it work with firbase reset password. He also worked one tutorial page for every modules. Nazmus worked on question page template but it was not used since Lateef worked on created

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similar template and connected. Nazmus was not connected. Nazmus also added most of the module questions to the database with Lateef.