Algebra Intelligence
Preliminary Status

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Current Progress

Currently, Algebra Intelligence is **80%** complete. The website has near complete functionality. The remaining parts to be implemented are explained in the next section. All HTML files for the web pages were created as well as most of the necessary JavaScript files. All of the question templates are functional and user's skill levels affect the difficulty of the questions that are generated. A user's performance changes their ratings. Login functionality and user skill levels are functional however they are hard-coded (explained in next section).

Remaining Tasks
(10%) - Hook up the website to a database

Currently, Algebra Intelligence uses a hardcoded login (`'bill'`) and password (`'123'`). The website cannot pull user data from a database because the database still has to be implemented and this also affects the users skill levels. The skill levels are hard-coded into JavaScript cookies because the database does not exist for the user ratings. Currently, when a `"bill"` logs in, all his/her skill levels are set to one. Based on performance, taking quizzes will adjust the skill levels up or down.   All skill levels will reset to one when "bill" logs out and then back in again. The database will also store all of the question templates.

(5%) - Functionality for the Signup Page

Since the database has yet to be implemented, the `"Signup Page"` contains text boxes without any functionality. The "Signup Page" will be completed once the database is finished.

(5%) - Aesthetics

Upon a complete functional website, the last task is to make the website look more appealing to the user. As of now, certain web pages (i.e. `signup.html`) are not very user-friendly and undecorated.

Github Link: [Algebra Intelligence](#)
Directory with Code: [Click Here](#) (Algebra-Intelligence-v0.1)