

Joke of the Day Design and Test Doc

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Contents	Requirements
App Description	<ul style="list-style-type: none">- The purpose of the app is to have a daily joke of the day or inspirational quote to be used everyday during the school announcements.- The target user group is anybody who wants a good laugh and specifically for school, the announcement makers.- Everyday in freshman year, One had the privilege of being Mr. Cheung's Geometry class and Mr. Perna's room for homeroom. As such, one was exposed to the reactions the two biggest critics of the joke of the day each day. Seeing how the typical response is cringing at the joke of the day and being critical of it, a change was called for, in hopes to appease the teachers. On top of this, mental health has recently become a big emphasis in the school, especially after the Bronx Science Confessions suicide post. As such, it would also be beneficial if the school could use inspirational quotes as a way to possibly help with stress, especially after feeling the impact of Mr. Cheung's daily (now weekly?) quotes that he has on the board.
User Interfaces	<ul style="list-style-type: none">- User Interfaces and UI Components- UI navigation diagram- button to pull a joke and answer from database- button to add category for jokes- button to add original jokes to database-button to delete jokes- quit app button

	-button to add quotes(undetermined and with risk)
Components and Events	<ul style="list-style-type: none"> - When the app opens, there will be three buttons, one for jokes, one for quotes and one for inputs to the database. Tapping one of the first two buttons will bring up the the top statement from the database. If joke was selected, the question will appear and a button to go back and a button for the answer will present. If a quote was selected, then the quote will appear and a button to go back will be present. If input was selected, one will be required to log in through their Bronx Science gmail, in order to discourage people from putting inappropriate things into the database. The submitter can then select if they are submitting a quote or joke and the database will take who submitted the joke and bring the user to the next screen to where they will be able to enter their joke or quote. After submitting, the user will go back to the home screen of the app.
Data Schema	<ul style="list-style-type: none"> - DB design tables and table structures - Fields in each table, data sources - Key fields / index - Design of Queries
Description of Research Topic	<ul style="list-style-type: none"> - The topic to research through this project is Update / output to a database, as a place to hold all the jokes and quotes are needed in order

	to keep track of what have been used and submitted. By having the app output the data and update at a 24 hour cycle, one would not have to hard code or type out the joke/quote into the app daily.
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