

Delegation of Tasks:

Group Member	Main Task
Marcus	Backend
Jerry	Mostly backend, as we predict that backend will be more difficult. If the ratio of amount of work between front end to backend differs, will help out on the front end accordingly.
Tyler	Frontend

Timeline

Front End Task	Back End Task	Deadline
Determine how to implement frontend and backend tasks for INSERT, DELETE, UPDATE, SELECTION, PROJECTION, JOIN, AGGREGATION, and DIVISION as well as what they will look like (Marcus, Jerry, Tyler)		Nov 5
Determine overall structure and conceptual design of front end, backend, and how each connects (Marcus, Jerry, Tyler)		Nov 10
Implement basic front end with INSERT and DELETE functionality. Includes Insert button that allows for inserting entry, as well as delete button that allows for deletion. Textbox for each attribute of an entry (Tyler)	Begin developing SQL script for creating tables and data (Marcus, Jerry)	Nov 15
Extend front end to include UPDATE, SELECTION, and PROJECTION. (Tyler)	Complete SQL script implementation and testing. Reflect the progress made on the front end and make the logical implementation to the backend, such as UPDATE, SELECTION, PROJECTION. May	Nov 19

	not be directly comparable but should be a similar progress. (Marcus, Jerry)	
Implement the remaining features - JOIN, AGGREGATION, and DIVISION	Develop and test SQL queries (Marcus, Jerry)	Nov 24
Connect Front end to back end (Tyler)		Nov 26
Finish integration tests and full end to end tests (Marcus, Jerry, Tyler)		Nov 28
Finish documentation and screenshots required for Milestone 4 and future Milestones (Marcus, Jerry, Tyler)		Nov 30

Challenges include how to write HTML and CSS code and maintain data integrity. Other challenges include integration of front end and back end, and how to successfully implement complex tasks such as JOIN, AGGREGATION, and DIVISION, as well as what it will even look like.