

Description of the Project

We want to create a database server.

- Create a dockerfile/dockercompose
 - Basic hello world like hardcoded database
 - Handle Logging & Tests
 - Be able to parse the user input
 - Handle user input
 - Improve the database
 - Replace the hardcoded database by a dynamic one
 - Store / Load the data from a file
 - What choose technologies and why !
 - SQL Parser
 - Basics functions
 - Create table
 - Drop table
 - Select table
 - Update table
 - Create a little test client
 - Further improve the database
 - Check if the parser works well
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FALCULTATIVE

- Add the others fonctionnalities of SQL language
 - Join table
 - Improve select statement with join
- Try to implement Event
- Try to implement Encryption of the database
 - Export Database to a secure file

Tasks	Who ?	State
MANDATORY		
Create dockerfile/compose	Tim	1
Hardcoded database	Tim	0.5
Handle logging & tests	Julien	0
Improve the database	Together	0
SQL Parser	Together split functions	0
Create client test	?	0
Improve of database	?	0
OPTIONNAL		
Other Functions of SQL	?	0
Implement Event	?	0
Implement Encyption	?	0