Working with MySQL Database Week: Todo List

1. Master - MySQL Database

By the end of this week, you should **MASTER** these topics:

- → Database: meaning
- → Main categories of databases: relational and NoSQL databases
- → NoSQL database: how MongoDB stores data
- → Working with databases using Node.js
 - ◆ HTTP verbs/methods (POST, GET, PUT, PATCH, and DELETE)
- → SQL query: query vs programing languages
 - ◆ MySQL database
 - ◆ MySQL driver: as interface between MySQL database and Node
 - ◆ Connecting with MySQL Database using Node: steps
 - ◆ Most common SQL queries (CREATE, INSERT, SELECT, UPDATE, DELETE)
 - Using these SQL queries from Node to create, insert, select, update or delete tables

By the end of last week, you should have already watched the class videos on "Working with databases (MySQL part I)" and "Working with databases (MySQL part II)". You should have also listed out all of your questions.

1.1. Start by working on MySQL practice questions (5 hrs)

- Instructions on how to complete the questions is found here:
 - Link to homework
- Try the homework on your own first and discuss it with your groupmates
- List out the parts you don't understand and ask your groupmates when you meet in groups

1.2. Complete the Working with Databases checklists (1 hr)

- Link to working with databases checklist
- Mark the ones you understood as complete, and list out the parts you didn't understand for further discussion

1.3. Before you meet your instructors in the group discussions

- Meet with your groupmates before the group sessions with Evangadi instructors. Please take the lead in sending out Zoom links and inviting everyone for discussion
- Try to discuss the questions you have with your groupmates

1.4. Attend the 2 group meeting sessions with your instructors (4 hrs)

- Discuss the remaining questions you have prepared
- Turn your camera on, share your screen and participate

2. Prepare for Next Week - Introduction to React and React Components (Functional Components)

2.1. Watch the "Introduction to React" videos (3.5 hrs).

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions

2.2. Watch the "React Components (Functional Components)" videos (3.5hrs)

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions

2.3. Attend the "Introduction to React" and "React Components (Functional Components)" (4hrs)

- Read the lecture note side by side
- Prepare to ask your questions