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)
- ● https://www.evangadi.com/checklist/database
- ● 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

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. <u>Prepare for week 4 - Introduction to React and React Components (Functional Components)</u>

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