

Database Name: EPIN1020 (implemented in Airtable)

Description:

The purpose of the EPIN1020 database is to track the progress of students throughout the course and provide feedbacks to help improve learning outcome. Used in conjunction with Github and Slack, the combination is designed to familiarise students with a set of tools that they can use for software development and group project management.

Tables:

Students - Used to store student profile, attendance, problem set, and other scores

Teams - Used to record the all the teams and their team members

Attendance - Used to track the attendance of the students

Problem Sets - Used to track the completion of problem sets and progress of students

Class calendar - Used to display the dates of all the lessons

Views:

Student Readonly View - Allow the students see class mates postings and learn from them

Student Gallery - Pictures and GitHub links of fellow students for learning from each other