

# Tutorly DB Notes

## Vocab:

Course - a tutor and student pairing

Class - a class that occurred or was cancelled between a tutor and a student

## Auth:

<b><i>Id</i></b>
<b><i>Name</i></b>
<b><i>Email</i></b>
<b><i>Password</i></b>

## Course:

<b><i>Id</i></b>	
<b><i>TutorId</i></b>	
<b><i>StudentId</i></b>	

## CourseInfo:

<b><i>Id</i></b>	
<b><i>CourseId</i></b>	
<b><i>Subject</i></b>	Varchar
<b><i>Rate</i></b>	Integer (ex. 15 as in 15 per class)
<b><i>Schedule</i></b>	varchar[] (format `Mon:4:00PM-4:30PM`) (frontend displays __ day __ time to __ time \n\n\n Click + to add more)
<b><i>Balance</i></b>	Integer
<b><i>Active</i></b>	True/False (for paused classes and stuff. Can maintain old records while no longer showing tentative classes)

## Class:

<b><i>Id</i></b>	
<b><i>CourseId</i></b>	
<b><i>DateTime</i></b>	format `01/01/2022:4:00PM-4:30PM`
<b><i>Status</i></b>	Completed/Cancelled

### **Billing:**

Row created when row in Schedule marked as Completed.

Always false at first. Can apply balance to classes manually.

<b><i>Id</i></b>	
<b><i>ClassId</i></b>	
<b><i>Paid</i></b>	True/False

### **ClassNotes:**

<b><i>Id</i></b>	
<b><i>ClassId</i></b>	
<b><i>Note</i></b>	varchar

### **CourseInvites:**

Tutor invites student. All this data populated. If student accepts, then this data moved to Course and CourseInfo. This row deleted upon student response regardless of accept or reject.

<b><i>Id</i></b>	
<b><i>TutorId</i></b>	Tutor's auth id
<b><i>StudentId</i></b>	Student's auth id
<b><i>Subject</i></b>	
<b><i>Rate</i></b>	
<b><i>Schedule</i></b>	

For class scheduling, I will just represent as "Wednesdays 4-5" or whatever.

Frontend will populate on page load or calendar month change. Events will be grey, meaning they're tentative. If they are green, then they are complete. If they are red, they were cancelled.

Database needs to store the "Wednesdays 4-5" as well as the completed and cancelled classes. It is the user's responsibility to mark a class as completed or cancelled. If it is left as tentative, then it is not calculated in the money tracker.