**How did you approach this challenge?**

This Time Tracker application is modelled after a real-world swipe-in swipe-out system where the user can add their in time, out time using a simple UI. Additionally, there is a delete event log feature to remove time log event.

**What schema design did you choose and why?**



This normalized schema design would enable extensibility in terms of adding more event types in the future. Currently there are two event\_types - in\_out and out\_time. Users table had basic information of the user and the user\_events table keeps track of every clock event along with the user\_id.

**If you were given another day to work on this, how would you spend it? What if you were**

**given a month?**

Given one more day, the application can be enhanced with,

-login screen with different user roles like admin and teachers

Given one month, the application can be enhanced with,

-Admin user will have a dashboard where they can modify/delete user events

-Teachers can register and create profile information

-Generate daily/weekly/monthly reports in the dashboard based on time clocked

##### -Integrate with a payroll system for seamless payroll processing