

# Scaler - Schema design

Following are the requirements for Scaler:

- There are several **batches** at Scaler. Each batch has an **ID, name**, current **instructor**.
- For instructor, we want to store **ID, name and years of experience**
- Each batch has multiple **classes**. Each class has an **ID, name, instructor**
- Every **Student** has a **name, ID, grad year, university, email, phone number, etc, current batch**.
- Every student also has a **student buddy**.
- Every student has a **mentor**. Every mentor has **a name, dob**.
- A student may have been moved from one batch to another due to pausing the course. So we need to know **the entry date and leaving date** of a student on every batch they were a part of..

Tantia Tope => Batch 1 - 15th August

=> Batch 2 => 26th January

Student	Batch	Start Date	End date		
Tantia Tope	1	15th August	20th January		
Tantia Tope	2	26th January			
Sherlock	2				