

## Relations:

User [ID, name, dob, phone, email, belt]

Instructor [ID, specialization, years\_experience]

Student [ID, points, skill\_level, votee\_ID]

Guardian [student\_ID, name, phone, email, relationship]

Activity [name, deadline, description, user\_ID]

Class [ID, age\_group, skill\_level, time, num\_students, num\_instructors]

ActivityVideo [activity\_name, student\_ID, timestamp, url]

BelongsTo [student\_ID, class\_ID]

Teaches [instructor\_ID, class\_ID]

Favourite [instructor\_ID, activity\_name, student\_ID]

Vote [voter\_ID, activity\_name, votee\_ID]

## Foreign Keys:

Instructor.ID references User.ID

Student.ID references User.ID

Student.votee\_ID references Student.ID

Guardian.student\_ID references Student.ID

Activity.user\_ID references User.ID

ActivityVideo.activity\_name references Activity.name

ActivityVideo.student\_ID references Student.ID

BelongsTo.student\_ID references Student.ID

BelongsTo.class\_ID references Class.ID

Teaches.instructor\_ID references Instructor.ID

Teaches.class\_ID references Class.ID

Favourite.instructor\_ID references Instructor.ID

Favourite.activity\_name references Activity.name

Vote.voter\_ID references Student.ID

Vote.activity\_name references Activity.name