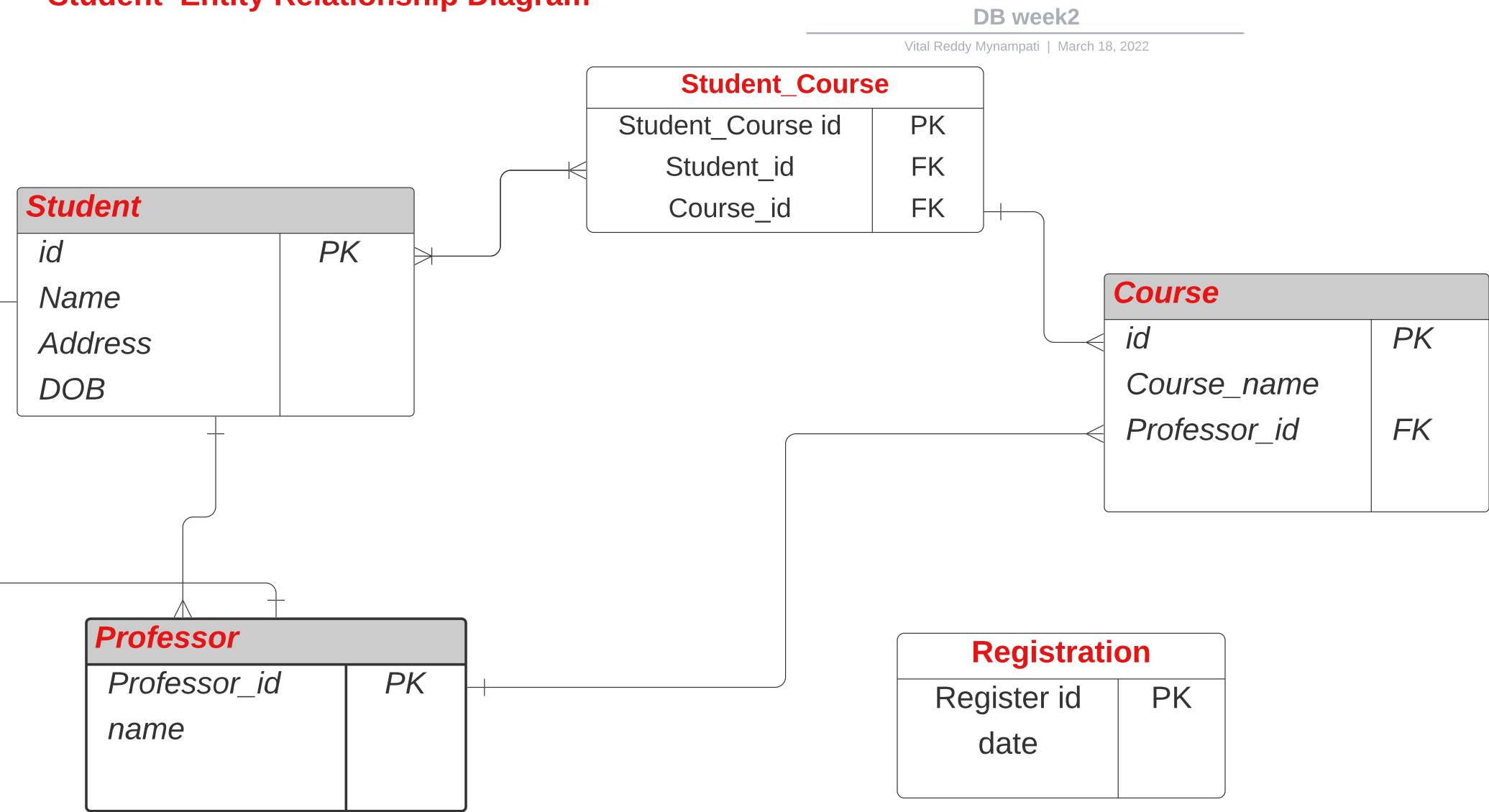


Student Entity Relationship Diagram



Entity Identification :

- 1. Student
- 2. Course
- 3. Professor
- 4. Registration

Relationship Identification :

- 1. Student is assigned to a course
- 2. Professor teaches a course
- 3. Each student have only one registration id.

Cardinality Identification :

- 1.A student can be assigned multiple courses
- 2. Professor can teach only one course

Identify Attributes:

Entity	Primary Key	Attribute
Student	Student_id	Student name
Course	Course_id	Course name
Professor	Professor_id	Professor name
Registration	Register id	

Design the ER diagram.

Many to Many Relationship between Student and Course tables.

One to One Relationship between Student and Registration tables.

One to Many Relationship between Professor and Course tables.

Learn how to edit ERD shapes

To manually customize this ERD:

- 1. Double-click on any text in an entity shape and **add/edit text** by typing.
- 2. Click on an entity shape and **toggle the amount of fields** using the advanced shape bar at the top of the canvas.
- 3. **Add and remove lines** to show relationships between entities.
- 4. To **update cardinality**, click on a line and then click "Endpoint" on the properties bar at the top of the canvas.

To automatically create your own ERD:

- 1. Click "[↩ Import Data](#)" in the Entity Relationship shape library to the left of the canvas.

Tutorials

(Hold Shift + ⌘ or Ctrl, then click)

Read about how to create entity relationship diagrams

Watch a tutorial on how to import your ERD

Watch a tutorial on how to export your ERD

Read about ERD symbols and notation

Watch Lucidchart basic tutorials

See an example

(Hold Shift + ⌘ or Ctrl, then click)