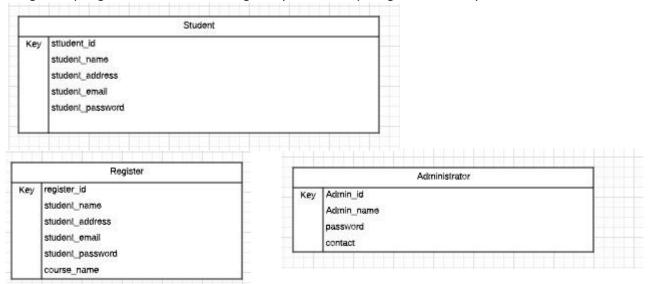# Project
Scenario:

Belgium campus hired you as a developer to create a student portal, they need you to create this portal using Java spring boot. Use the following Entity Relationship Diagram to name your attributes.

Student

Key	stludent_id
	student_name
	student_address
	student_email
	student_password

Register

Key	register_id
	student_name
	student_address
	student_email
	student_password
	course_name

Administrator

Key	Admin_id
	Admin_name
	password
	contact

Create a Login module and User registration module using Role-based spring boot security. The user should be able to register and log in to the application using his/her credentials. This data should be stored in a MySQL database as this should interact with the web-based application.

Develop the solution for the above scenario in two phases.

Phase 1

1.	Write an introduction about the spring boot framework and how it facilitates Aspect Oriented Programming. [Individual work/ create own document]	10
2.	Create an application for student Registration and login Authentication using Java and Spring Boot framework. Use MySQL database to store registered information. Validate user login credentials with email and password.	15
3.	Use GitHub to trace your project progress.	5

Phase 2

1.	Add an admin page where the management can add edit and delete registered information. Make sure that all the interfaces (GUI) look good.	25
2.	Research CI/CD pipeline with GitHub and make a report about it. [Individual work/ create own document]	10

NOTE: Phase 1 and Phase 2 will be considered as Project respectively.

Additional Information

- All work must be done on your own. Belgium Campus has software that can **scan for plagiarism** and a student caught doing this will get 0 for this assignment.

- Late assignments will not be accepted; missing the deadline is an automatic 0.