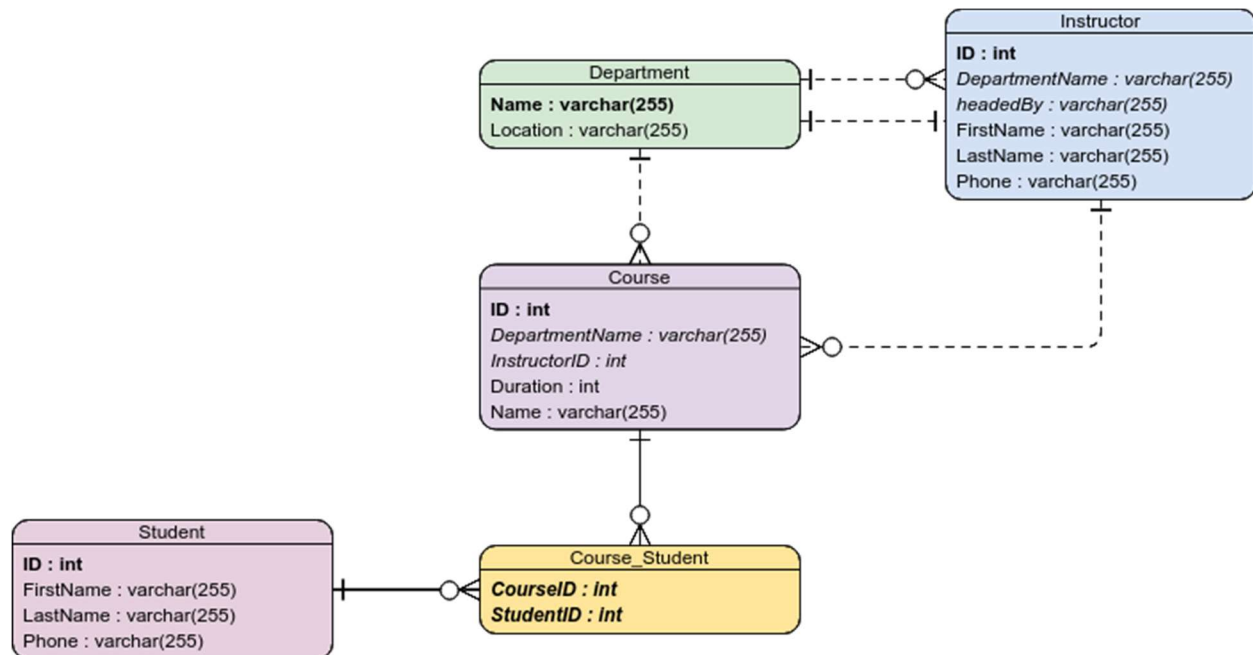


## Spring Boot – Assignment 1

### Creating CRUD REST API/Service with Spring Boot, JPA and Hibernate

1. Create a Spring Boot project (Use maven build)
2. Create the tables below in h2 (When running your project, it must create the tables automatically in h2)



3. Create rest API (Add, Update, Delete, Find All and Find by Id)
4. Create rest API:
  - to get the list of course for a particular student id
  - to get the list of students for a particular instructor id
  - to get the total course duration for a particular student id
5. Implement JWT to secure the rest API
6. Add Swagger in your project
7. Implement JUnit for part 4

### Assessment Criteria

- Use of Spring Boot concepts such as controller, service, DAO, entity, etc.
- Code quality
- Rest API must work via Swagger

- It must be a runnable project

**Deliverable**

- You can send the code via email
- Or create a repository in your GitHub account and commit the code into that repository.  
Send us the link to the repository
- Or share via Dropbox and send us the link