

Assignment - III

This is to be done **individually** and is subject to the school Policy and Guidelines on Academic Honesty.

You must follow the directions in creating your project. Serious marks will be deducted if not!

- You must name your project *firstname- lastname-ass3*, **where you use your name.**
- You must name the parent package *ca.firstname_lastname*,
- *Make sure you add the required dependencies as well*

Not using your names instead of the placeholders will result in very serious marks being deducted.

Build a Spring Boot 3 Rest Api using Spring Web MVC for a Employee management application:

1. Each Employee has an id, name, designation, hiringdate, and active_status (Create table employee and use column names exactly as defined above. Active_status column is Boolean and will hold true or false values.
2. You must also create a RESTful endpoint for accessing employee information as below:
3. Employee information should be saved in the h2 database.
4. localhost:8080/index.html should display the list of employees in tabular form with and will also contain a link to create a new Employee. localhost:8080/employee.html will have an emp form. You also have to implement post mapping for form submission)

Methods	Urls	Actions
POST	/api/employees	create new employee
GET	/api/employees	retrieve all employees

Methods	Urls	Actions
GET	/api/ employees/:id	retrieve a employee by :id
PUT	/api/ employees	update the whole collection
DELETE	/api/ employees/:id	delete a employee by :id
DELETE	/api/ employees	delete all employees

Submission Criterion

- Submit your *zipped* eclipse project (**not** rar or 7zip; serious marks will be deducted!)
- Submit word doc with all the relevant screenshots explaining the working of application