

Create a REST API CRUD for a Purchase Order :

1. Use Spring Boot to create a new project with gradle / maven as the build tool.
2. Create table users, items, po_h (purchase order header), po_d (purchase order detail)

Table	Users			Table	Item	
Field	Type	size		Field	Type	size
id	int			id	int	
first_name	varchar	500		name	varchar	500
last_name	varchar	500		description	varchar	500
email	varchar			price	int	
phone	varchar			cost	int	
created_by	varchar			created_by	varchar	
updated_by	varchar			updated_by	varchar	
created_datetime	datetime			created_datetime	datetime	
updated_datetime	datetime			updated_datetime	datetime	
Table	po_h			Table	po_d	
Field	Type	size		Field	Type	size
id	int			id	int	
datetime*	datetime			poh_id	int	
description	varchar	500		item_id	int	
total_price	int			item_qty	int	
total_cost	int			item_cost	int	
created_by	varchar			item_price	int	
updated_by	varchar					
created_datetime	datetime					
updated_datetime	datetime					

3. Create a API CRUD Methods to perform operation on Users
4. Create a API CRUD Methods to perform operation on Item
5. Create a API CRUD Methods to perform operation on PO (Header and Detail at once)
6. Implement the following API endpoints:
 - GET user : returns a list of all user or one user based on param "id"
 - GET item : returns a list of all item or one item based on param "id"
 - GET PO : return all Po or return only 1 po based on "id"

Note:

1. You can use mysql or postgresql database for this test
2. Can Use ORM & Lombok
3. Please add Unit test
4. Put Codes into a zip
5. Create one file for script create table or any script related to the database, including insert statement for dummy data, if any. Buat nama database = nama kalian.
Misalkan: christopher_axel.
6. Create one postman collection file for all functionality of the service. Simpan contoh request body yang bisa dipakai tanpa error.
7. Test the API using a REST client like Postman or other and make sure you put in the zip file
8. Subject : Dev BE Test [Nama Lengkap]
9. When finished, please zip the file and send to cc sukisno.kartionoyo@myboost.co and fariz.rasyid@myboost.co . Inform us if you want to change submission date