Java Project flow O spring boot appla - initialized Tomalal somes - scores clampath for composionts. @ component scanning: @ Restcontroller e service @ Ropository @ Entito 3) Reguest Handling when a client sends an HTTP request to apply, the sequest first intercepted by the combeded toroncat Then ternest routes the request to the appropriate Controller based on the request URL & HTTP method. (2) Controller Wapping @ Rostcontroller Controller clanes handles the Incoming HTTP requests Methods withing controller clames are annotated wh Oceanopril Opost OP+ Coaletmorpy to Specify the UPI poster of & HTTP method they handle (3) Request Processy : When request is reviewed to the controller method, Spring boot automaticuly binds request parameters, headers of body to method parameters Like Opathrandle, OkaquetBody, OkaquetPoram etc. Confuller method murokes ferrice layer method to Greform Brighow polic. ( Service Layer @ Service encapsulate the apply Baisness loopic Service Lyur interact with the Repositiones to Untern CKND observeyour as Boyd. Data Access Lager Operation by DAL interact with the db.

e Entity.

Midel leger pojo - to represent deta entitres.

spring Data JPA -> JJA Repositry

## (8) Response Coneration

Once the necessary operations are completed, the service layer separates are opprepriate HTTP sesponse.

The response includes relevant data and an appropriate HTTP status code.

Desponse Sending
The generated suspense is sent back to the client
by the embedded Toroncat Senera.