Vaccination Centre Application

* Starting the Project by creating the spring Boot 180sect

Aftereste a Supering Boot Project with dependencies are Spaing Web, Spaing JPA, My SQL, Der Tools, Lombok.

- * Create a Package for Entoties and create the following Entities.
 - x And the entities are AdminUser, citizen, Vaccination Centre,
 - * Between citizen and Vaccination Centre, maintain many-toone relationship between citizen and Vaccination Centre as many citizene can be associated with a centre.
 - x The cities are modeled manually by the admin.
 - 2 (reale a package for Repository Interfaces for all the four entities!
 - * The respective interpaces entend JPA repository.
 - * Create autom queries and annotate they very a sury.
 - * Create a package for dervice interfaces for all the

Lour entities.

- * Create a package for service Implementation classes for all the four entities.
- * Annotate the classes with @ Service and then use a Adowired to create on object of the suspective Repository interfaces.

- A Create a Package for Controller class for those entities see, Admin User, cotizen and Vaccination Centro.
 - * Controlled for city is not created as the cities are usually in SQL.
 - * The controller classes are annotated with a Controllertage.
 - * The Adminuser Controller contains the request mapping which leads to handle the logan and register Scenerios. methods to handle the logan and register Scenerios. When a were logar and while logging on cheek for encorrect password and non-existing yearnames. When a were logar a Session object is created and yearname is added to the
- * The citizen controlled class has @Request mapping ("I citzens") in the beginning followed by the actions like add, or lew, edit and delete in the methods with corresponding Mappings.
- wethod is used. This is used so that that the required city is selected, then only the centres available in that city are displayed to the adminuser.
 - the Vaccination Centre Controller class how a Request Mappinger ? vacini centre") in the beginning tollowed by the actions like add. New, edit and delete in the methods with corresponding Mappings.

- * As the critizen entity is dependent on the Vaccination Center entity, whenever a centre is prompted to be deleted, first its corresponding, cityren information is deleted.
- A Model and View solligets are used to go to the required pages / redirect to methode within the controller.
- * While segistering and logging in, the field username, emoil ID, Passwood are made mandatory so that mull value don't get associated with them.
- + For each of the controller actions, a Jsp is provided to display the result as well as reform repenations of passing information to controller.
- * When AdminUser Performs all the actions and finally prompts to logout the session object is invalidated first in logouties p and then it leads to home page.
- Jop's to ensure that once the session is invalidated, the user can't pross the back button in the browser and go back to operational view 10gg. It redirects the user to the Howloge.