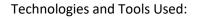# Project : Internet and Web systems: Week9

Application : Home Food

This is a Home Food application where user can order food prepared at home from this application. The chef also logins into the application where he/she can receive the order and prepare food for the user.

This Application is beneficial for busy working people, where they can just order the food and then pay from the app. They can pick up the food or opt for delivery option.

Technologies and Tools Used:

1.Java

2.Spring Boot Framework

3.MySQL Database

4.BootStrap,HTML,CSS

5.Thymeleaf

6.Maven

7.Hibernate

8.Inbuilt Tomcat Server

9.Bootstrap

10.pgAdmin

11.PostgresSQL

Problems Encountered:

While creating the bean by the servlet container of the spring boot it throwed that the exception encountered during the context initialization.

Additions:

Added the controllers Main and Admin Controllers. The request mapping of the request parameter are implemented for the display of the food List and the Buy an item from the list.

The request mapping for the chef to view the orders he got are in the order List request mapping in the admin controller.

Added the Html Pages to view the cart information.

Admin Controller contains the request mappings to the additional links which can only be viewed by the access given in the Security implementation .As Spring boot has the configure method to permit the access to the pages based on the roles, the links which needs access based on the role can be added here in the method.

We can provide the access to links by passing the arguments to the http parameter along with the access role.

Customerformvalidator checks if the mandatory fields has the value in it otherwise it throws the message to fill the values in the form. The messages are given in the validation. properties file.

The spring boot loads this file by implementing the WebMvcConfigurer.

The controllers takes the request from the parameters and Model gets information from the entity class where the entity bean is autowired in the controller.

The results are then passed onto the Thymeleaf which parses the information.

GitHub: https://github.com/snehithar7/IWS1/tree/Html