

The Third Meal

Project #50

Sudeep Galgali, Christina Nguyen, Seth Perry

Part 4 (by Seth Perry)

Slides at end

Github page:

<https://github.com/cnguyen83/CSCI-5448-00>

Presentation Video:

Github Repo -> 50_TheThirdMeal_Perry_Part4.mp4

Demo Video:

Github Repo -> 50_TheThirdMeal_Perry_Video.mp4

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

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Project Overview

- Food application
 - Customers place food orders
 - Restaurants view food orders
- Technologies used
 - Spring MVC + Spring Security
 - Thymeleaf
 - Hibernate
 - MySQL



Demo

A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with faint, lighter blue diagonal stripes.

Design Patterns



Main Design Patterns Used

- Dependency Injection
- Strategy Design Pattern



Dependency Injection

- Providing Data-access objects to controllers
 - Gives a layer of indirection
 - Testability



Strategy Pattern

- Provides a layer of indirection
 - Pieces of code that use the interface don't need to change with the implementation
 - Testability
 - Separation of concerns