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-OO

Presentation Video:
https://github.com/cnguyen83/CSCI-5448-OO/blob/master/50_TheThirdMeal_Perry_Part4.mp4

Demo Video:
https://github.com/cnguyen83/CSCI-5448-OO/blob/master/50_TheThirdMeal_Perry_Video.mp4

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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

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