## The Third Meal

Team 50

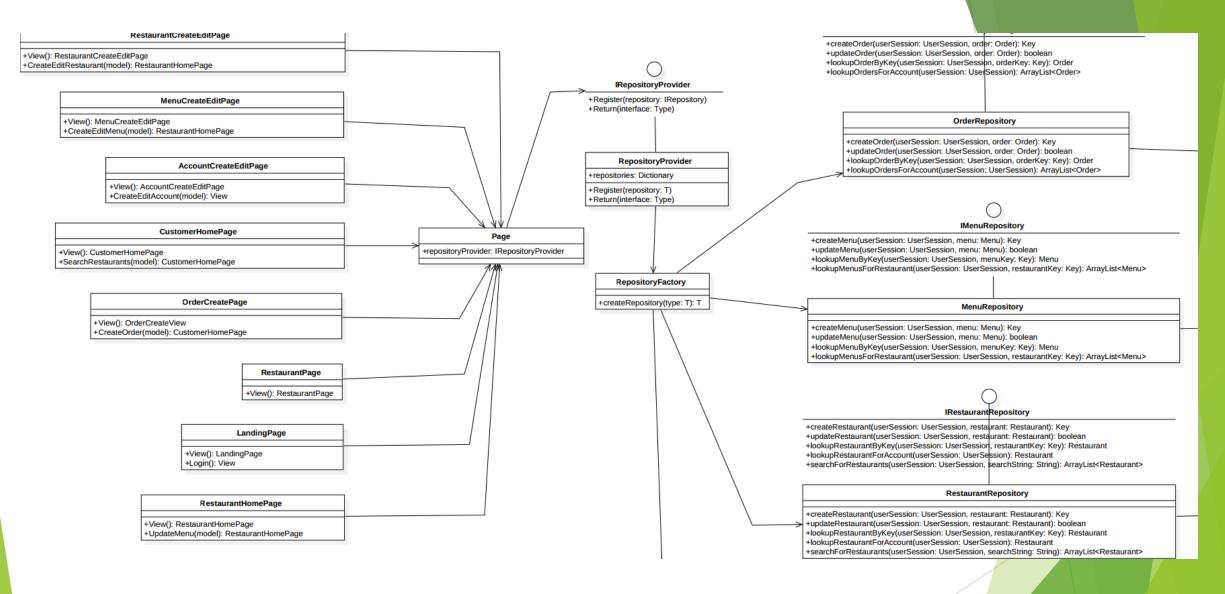
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## **Brief Summary**

- ► The Third Meal is a web application where customers can place orders for food from their favorite restaurant.
- ▶ The customers can search for a restaurant by its name.
- Once the order is complete they are informed to pick it up from the restaurant.
- The restaurant owner is in control of the restaurant details and the menu and can update it at any time.

## Technologies Used

- Spring MVC and Spring Security
- Thymeleaf
- Hibernate
- MySQL



### **Design Patterns**

Dependency Injection

kupOrderByKey(userSession: UserSession, orderKey: Key): Order okupOrdersForAccount(userSession: UserSession): ArrayList<Order> OrderRepository +createOrder(userSession: UserSession, order: Order): Key +updateOrder(userSession: UserSession, order: Order): boolean +lookupOrderByKey(userSession: UserSession, orderKey: Key): Order \*lookupOrdersForAccount(userSession: UserSession): ArrayList<Order>

#### **IMenuRepository**

createMenu(userSession: UserSession, menu: Menu): Key

- +updateMenu(userSession: UserSession, menu: Menu): boolean
- +lookupMenuByKey(userSession: UserSession, menuKey: Key): Menu
- +lookupMenusForRestaurant(userSession: UserSession, restaurantKey: Key): ArrayList<Menu>

#### MenuRepository

- +createMenu(userSession: UserSession, menu: Menu): Key
- +updateMenu(userSession: UserSession, menu: Menu); boolean
- +lookupMenuByKey(userSession: UserSession, menuKey: Key): Menu
- +lookupMenusForRestaurant(userSession: UserSession, restaurantKey: Key): ArrayList<Menu>

#### **IRestaurantRepository**

- +createRestaurant(userSession: UserSession, restaurant: Restaurant): Key
- +updateRestaurant(userSession: UserSession, restaurant: Restaurant): boolean
- +lookupRestaurantByKey(userSession: UserSession, restaurantKey: Key): Restaurant
- +lookupRestaurantForAccount(userSession: UserSession): Restaurant
- +searchForRestaurants(userSession: UserSession, searchString: String); ArrayList<Restaurant

#### RestaurantRepository

- +createRestaurant(userSession: UserSession, restaurant: Restaurant): Key
- +updateRestaurant(userSession: UserSession, restaurant: Restaurant): boolean
- +lookupRestaurantByKey(userSession: UserSession, restaurantKey: Key): Restaurant
- +lookupRestaurantForAccount(userSession: UserSession): Restaurant +searchForRestaurants(userSession: UserSession, searchString: String): ArrayList<Restau

# Design Patterns

Strategy

# Thanks for listening!

# Demo