

OrdersGUIController	
f orderQuantity	ComboBox<Integer>
f orderTable	TableView
f tableQuantity	TableColumn
f tableMenuItem	TableColumn
f tablePrice	TableColumn
f pizzaTypeLabel	Label
f addToOrder	Button
f orderStatus	Label
f placeOrder	Button
f orderServed	Button
f payOrder	Button
f newOrder	Button
f orderList	List<String>
f orderPaymentList	List<Double>
f service	PizzaService
f tableNumber	int
f observableList	ObservableList<String>
f table	TableView<MenuDataModel>
f menuData	ObservableList<MenuDataModel>
f now	Calendar
f totalAmount	double
m OrdersGUIController()	
m setService(PizzaService, int) void	
m initData() void	
m initialize() void	
p totalAmount double	

MainGUIController	
f table1	Button
f table2	Button
f table3	Button
f table4	Button
f table5	Button
f table6	Button
f table7	Button
f table8	Button
f help	MenuItem
f table1Orders	OrdersGUI
f table2Orders	OrdersGUI
f table3Orders	OrdersGUI
f table4Orders	OrdersGUI
f table5Orders	OrdersGUI
f table6Orders	OrdersGUI
f table7Orders	OrdersGUI
f table8Orders	OrdersGUI
f service	PizzaService
m MainGUIController()	
m tableHandlers() void	
m initialize() void	
p service PizzaService	

PaymentOperation	
m cardPayment()	void
m cashPayment()	void
m cancelPayment()	void

PaymentAlert	
f service	PizzaService
m PaymentAlert(PizzaService)	
m cardPayment()	void
m cashPayment()	void
m cancelPayment()	void
m showPaymentAlert(int, double)	void

MenuDataModel	
f menuItem	SimpleStringProperty
f quantity	SimpleIntegerProperty
f price	SimpleDoubleProperty
m MenuDataModel(String, Integer, Double)	
m menuItemProperty()	SimpleStringProperty
m quantityProperty()	SimpleIntegerProperty
m priceProperty()	SimpleDoubleProperty
p quantity Integer	
p price Double	
p menuItem String	

OrderProcessingException

OrderProcessingException (message)

Order Observer

update (message) void

Table State

Free  
Occupied  
Served

KitchenGUIController	
f kitchenOrdersList	ListView
f cook	Button
f ready	Button
f order	ObservableList<String>
f selectedOrder	Object
f now	Calendar
f extractedTableNumberString	String
f extractedTableNumberInteger	int
f addOrders	Thread
m initialize() void	

PaymentRepository	
f filename	String
payments List<Payment>	
getInstanca()	
m readPayments()	void
m getPayment(String) Payment	
m add(Payment) void	
m writeAll() void	
getAll() double	
all List<Payment>	

PizzaService	
f menuRepo	MenuRepository
f payRepo	PaymentRepository
m PizzaService(MenuRepository, PaymentRepository)	
getInstanca()	
m addPayment(int, PaymentType, double) void	
payments List<Payment>	
menuData List<MenuDataModel>	

MenuRepository	
f filename	String
f listMenu	List<MenuDataModel>
m MenuRepository()	
m readMenu()	void
m getMenuitem(String) MenuDataModel	
menu List<MenuDataModel>	

Payment	
m Payment(int, PaymentType, double)	
m toString()	String
p type PaymentType	
p tableNumber int	
p amount double	

OrdersGUI	
f service	PizzaService
m displayOrdersForm(PizzaService) void	
p tableNumber int	

Main	
m start(Stage) void	
m main(String[]) void	

PaymentType	
Cash	
Card	

KitchenGUI	
m KitchenGUI() void	