Taha Quraishi / Calvin Luong / Brian Anhvu Tran

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| **Customer** | |
| *can add an address*  *can add account info*  *can add a credit card*  *can use GUI* | **Address**  **AccountInfo**  **CreditCard**  **GUI** |

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| **Address** | |
| *contains the address of a customer or restaurant*  *can be added by a customer or restaurant* | **Customer**  **RestaurantManager**  **Restaurant**  **Order** |

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| **AccountInfo** | |
| *stores the account info of a customer or restaurant manager* | **Customer**  **RestaurantManager** |

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| **CreditCard** | |
| *can be added to an order* | **Customer**  **Order** |

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| **RestaurantManager** | |
| *adds foods and drinks to a meal*  *adds foods, drinks, and meals to a menu*  *adds an address to a restaurant*  *can use GUI* | **Address**  **AccountInfo**  **Food**  **Drink**  **Meal**  **Menu**  **Restaurant**  **GUI**  **PreppingQueue**  **ReadyQueue** |

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| **Food** | |
| *a food the restaurant offers*  *can be added by a restaurant manager* | **Menu**  **Order**  **RestaurantManager** |

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| **Drink** | |
| *a drink the restaurant offers*  *can be added by a restaurant manager* | **Menu**  **Order**  **RestaurantManager** |

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| **Meal** | |
| *takes a combination of a food and a drink* | **Food**  **Drink**  **Menu**  **Order**  **RestaurantManager** |

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| **Menu** | |
| *provides a list of foods*  *provides a list of drinks*  *provides a list of meals* | **Food**  **Drink**  **Meal**  **Restaurant** |

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| **Restaurant** | |
| *customers can see the menu and choose*  *has an address*  *adds customer orders to the waiting queue* | **Menu**  **Address**  **Order**  **WaitingQueue**  **RestaurantManager** |

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| **RestaurantSystem** | |
| *shows customers a list of available*  *restaurants* | **Restaurant**  **GUI** |

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| **Order** | |
| *can be a combination of food, drink, or meal*  *takes name of customer*  *takes Address*  *takes CreditCard*  *created through GUI* | **Food**  **Drink**  **Meal**  **Customer**  **Address**  **CreditCard**  **Restaurant**  **GUI** |

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| **Timer** | |
| *simulates a timer for a variety of tasks during*  *the order process* | **WaitingQueue**  **PreppingQueue**  **ReadyQueue**  **DeliveryQueue** |

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| **WaitingQueue** | |
| *manages newly created orders*  *orders stay here until they are assigned a delivery person (simulated by a timer)* | **Restaurant**  **Order**  **Timer**  **PreppingQueue**  **GUI** |

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| **PreppingQueue** | |
| *manages orders that are currently being prepared by a restaurant*  *orders stay here until they are ready for pickup by the delivery person (simulated by a timer)* | **Restaurant**  **Order**  **Timer**  **WaitingQueue**  **ReadyQueue**  **GUI** |

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| **ReadyQueue** | |
| *manages orders that are ready for pickup by the delivery person*  *orders stay here until they are currently being delivered (simulated by a timer)* | **Restaurant**  **Order**  **Timer**  **PreppingQueue**  **DeliveryQueue**  **GUI** |

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| **DeliveryQueue** | |
| *manages orders that are currently being delivered to the customer’s address*  *orders stay here until they reach their destination (simulated by a timer)* | **Order**  **Timer**  **PreppingQueue**  **DeliveryQueue**  **GUI** |

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| **HistoryQueue** | |
| *manages orders that have reached their destination (successfully delivered to the customer’s address)* | **Order**  **DeliveryQueue**  **GUI** |

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| **GUI** | |
| *allows a customer or restaurant manager to log in or create an account*  *displays a list of restaurants*  *creates an order*  *notifies customer of the progress of their order* | **Customer**  **AccountInfo**  **RestaurantManager**  **RestaurantSystem**  **Order**  **WaitingQueue**  **PreppingQueue**  **ReadyQueue**  **DeliveryQueue**  **HistoryQueue** |