| Person | |
| --- | --- |
| Stores Name  Stores ID Number  Stores Access Level | Waiter  Manager  Customer  Chef  UserScene  Restaurant |

| Waiter | |
| --- | --- |
| Stores Name | Person |

| Manager | |
| --- | --- |
| Stores Name | Person |

| Customer | |
| --- | --- |
| Stores Name | Person  Reservation |

| Chef | |
| --- | --- |
| Stores Name | Person |

| Restaurant | |
| --- | --- |
| Stores Name  Stores Restaurant ID  Adds and removes Menus  Adds and removesTables  Adds and removes Reservations  Adds and removes Orders  Adds and removes People | UserScene  Menu  Table  Reservation  Order  Person  RestaurantChain  SystemBoot |

| RestaurantChain | |
| --- | --- |
| Has ArrayList of restaurants  Has name of the chain | Restaurant |

| UserScene | |
| --- | --- |
| Gets current user  Gets desired restaurant  Edits staff  Edits restaurants  Edits tables  Edits menus  Make a reservation  Edit orders  Delete reservations | Person  Restaurant  Table  Menu  Reservation  Order |

| Table | |
| --- | --- |
| Adds table number  Adds amount table can seat  Assigns order to a table  Checks if table is available for reservations and walk-ins | Order  Reservation  UserScene  Restaurant  SystemBoot |

| Order | |
| --- | --- |
| Adds items to order  Calculates cost of order  Stores a Tip  Checks if order is paid  Checks the payment method  Holds the status of the order  Prints the bill | Menu  Table  UserScene  Restaurant |

| Menu | |
| --- | --- |
| Has ArrayList of menu categories  Has a name for menu | Order  MenuCategory  UserScene  SystemBoot |

| MenuCategory | |
| --- | --- |
| Has an ArrayList of menu items  Has a category name | Menu  MenuItems |

| MenuItem | |
| --- | --- |
| Has a name for the item  Has a price for the item | MenuCategory |

| SystemBoot | |
| --- | --- |
| Adds stored menu items to menu  Adds stored tables to tables  Adds stored people to person  Adds stored reservations to reservations  Adds stored restaurants to restaurants | Menu  Table  Person  Reservation  Restaurant |