# **UML Diagram**

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#### Admin

- adminID: int - name: String

- email: String

- role: String

- privileges: List<String>

+ addAdminAccount(): void

+ viewSystemInfo(): void

+ updateAdminRole(role: String): void

+ modifyPermissions(privileges: List<String>): void

+ deleteAdminAccount(): void

+ monitorActivity(): void

+ resolveDisputes(): void

+ maintainSecurity(): void

+ generateReports(): void

# ----Manages--

## Restaurant

- restaurantID: int

- name: String

- location: String

- contactInfo: String

- operatingHours: String

- menultems: List<Menultem>

- ratings: List<Rating>

- orderHistory: List<Order>

+ addRestaurant(): void

+ viewRestaurantDetails(): void

+ viewMenu(): List<MenuItem>

+ viewRatings(): List<Rating>

+ updateInfo(name, location, contact): void

+ modifyMenuItem(item: MenuItem): void

+ changeOperatingHours(hours: String): void

+ deleteRestaurant(): void

### Customer

- customerID: int

- name: String

- email: String

- phoneNumber: String

- address: String

- orderHistory: List<Order>

- paymentPreferences: String

+ registerAccount(): void

+ viewDetails(): void

+ viewOrderHistory(): List<Order>

+ editPersonalInfo(name, email, phone): void

+ updateAddress(address): void

+ updatePaymentMethods(paymentPreferences): void

+ deleteAccount(): void

-Provides Menus-

Places Orders