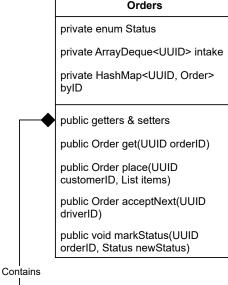
User private UUID id private String name private String username private ArrayList<String> orders public getters & setters public User(UUID ID, String userName) Extends **Customer extends User** private String email public getters & setters public Customer(UUID ID, String username, String name, String email) public void getRestaurants() public void getMenu(String restaurant) public void placeorders(Order order) public void rateDriver(int rating) **Orders** private enum Status private ArrayDeque<UUID> intake



Order

private UUID ID

private UUID customerID

private String createdAt

public getters & setters

private ArrayDeque intake

private List<MenuItem> items

private UUID assignedDriverID

Restaurants.txt Drivers.txt Menus.txt Customers.txt

Orders.txt ers.txt

private boolean available
private double avgRating
private int rateCounter
private int[] ratings // size 10
private UUID currentorders

public setters & getters

public Driver(UUID ID, String username, String name)

public boolean goOnline()

public boolean goOffline()

public void updateorders()

public double calculateAvgRating()

public double updateRatings(int newRating)

DriverPool

private PriorityQueue driverPool

public void updateQueue()

public void addDriver(UUID ID,
double rating)

public void removeDriver(UUID ID,
double rating)

Administrator extends User

no new vars

public void manageRestaurants()
public void vieworderss() // optional

RestaurantManager

no new vars

public addRestaurant()
public removeRestaurant()
public getRestaurant()
public getAllRestaurants()
public modifyMenu()

Menultem

private UUID restaurantID private String name private String description private double price

public setters & getters

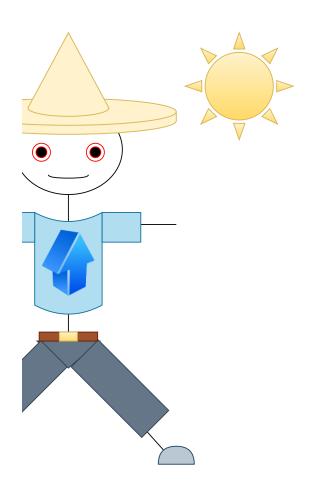
public MenuItem(String name, String description, double price)

CLI

no new vars

public void launch()
public void loginScreen()
public void customerScreen()
public void driverScreen()

public void aminScreen()



public Order(UUID ID, UUID customerID, List<String> items)