Functional Requirements

* The Food Truck Management System shall provide the ability to check a staff member’s schedule by selecting a staff member.
* The Food Truck Management System shall provide the ability to display a list of the truck’s staff members along with their corresponding roles.
* The Food Truck Management System shall provide the ability to display a list of the truck’s equipment along with their corresponding quantities.
* The Food Truck Management System shall provide the ability to display a list of the truck’s food supplies along with their corresponding quantities.
* The Food Truck Management System shall provide the ability to keep track of the number of sales of a certain menu item by allowing the user to claim that a specific item was sold.
* The Food Truck Management System shall provide the ability to add to the food supply by specifying the supply’s name and additional quantity.
* The Food Truck Management System shall provide the ability to remove from the food supply by specifying the supply’s name and used up quantity.
* The Food Truck Management System shall provide the ability to add to the equipment supply by specifying the equipment’s name and additional quantity.
* The Food Truck Management System shall provide the ability to remove from the equipment supply by specifying the equipment’s name and used up quantity.
* The Food Truck Management System shall provide the ability to add a food item to the menu by specifying the item’s name.
* The Food Truck Management System shall provide the ability to add a staff member by specifying the staff member’s name along with their role.
* The Food Truck Management System shall provide the ability to assign a schedule to an existing staff member by specifying the date, start time and end time of the shift.
* The Food Truck Management System shall provide the ability to display a popularity report that consists of the truck’s menu items sorted by their number of sales.

Non-Functional Requirements

* The Food Truck Management System shall be able to run on laptop/desktop machines.
* The laptop/desktop application of the Food Truck Management System shall be implemented in Java with the Java Swing framework.
* The Food Truck Management System shall be able to run on the Android Mobile platform.
* The mobile application of the Food Truck Management System shall be implemented in Java using the Android Studio development framework.
* The Food Truck Management System shall be able to run on web browsers.
* The server side of the web application of the Food Truck Management System shall be primarily written in PHP.
* The data of the Food Truck Management System shall be saved in text files.