





Automated Warehouse Management System



DESIGN PHILOSOPHY

The Agile Method



DESIGN
DOCUMENTS
UML



SYSTEM SPECS

What Does it Support?



DEMO TIME!

Live Demonstration

01 DESIGN PHILOSOPHY

The Agile Method



- 1 Robot
- 1 Truck
- Loading only

Sprint 2

- Front and Back end integrated
- Multi-threading support
- N Clients
- N Warehouses
- Testing



Sprint 1

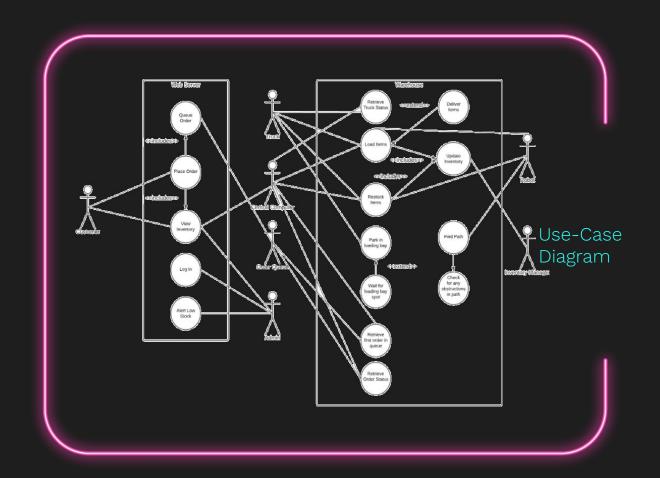
- Front-endPrototype
- N Robots
- N Trucks
- Loading & Unloading

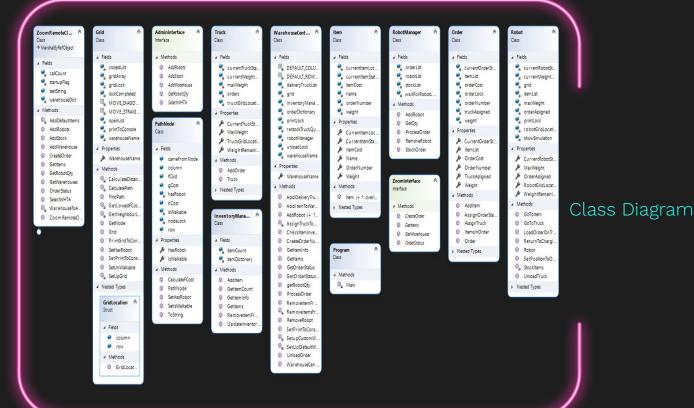
Sprint 3

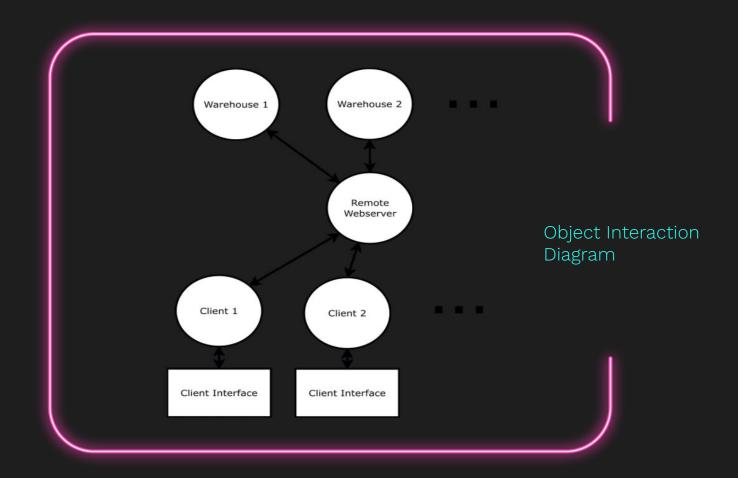


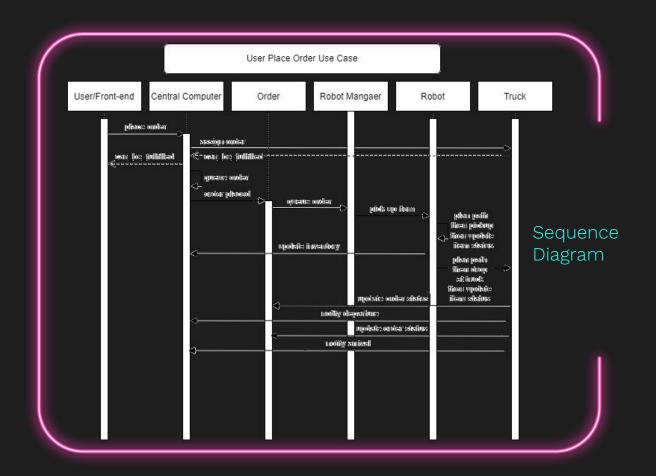
02 DESIGN DOCUMENTS

UML











03 SYSTEM SPECS

What Does it Support?



Front-end

- ASP.NET MVC framework
- TCP
- Multiple clients support
- Multiple warehouse support
- Variable warehouse size support



Back-end

- C#
- Multi-threaded
- Object oriented approach
- Uses A* pathfinding
- Variable number of robots



04 Demo Time!

Live Demonstration

We will now showcase the system

