

Windows

Resources and microservices

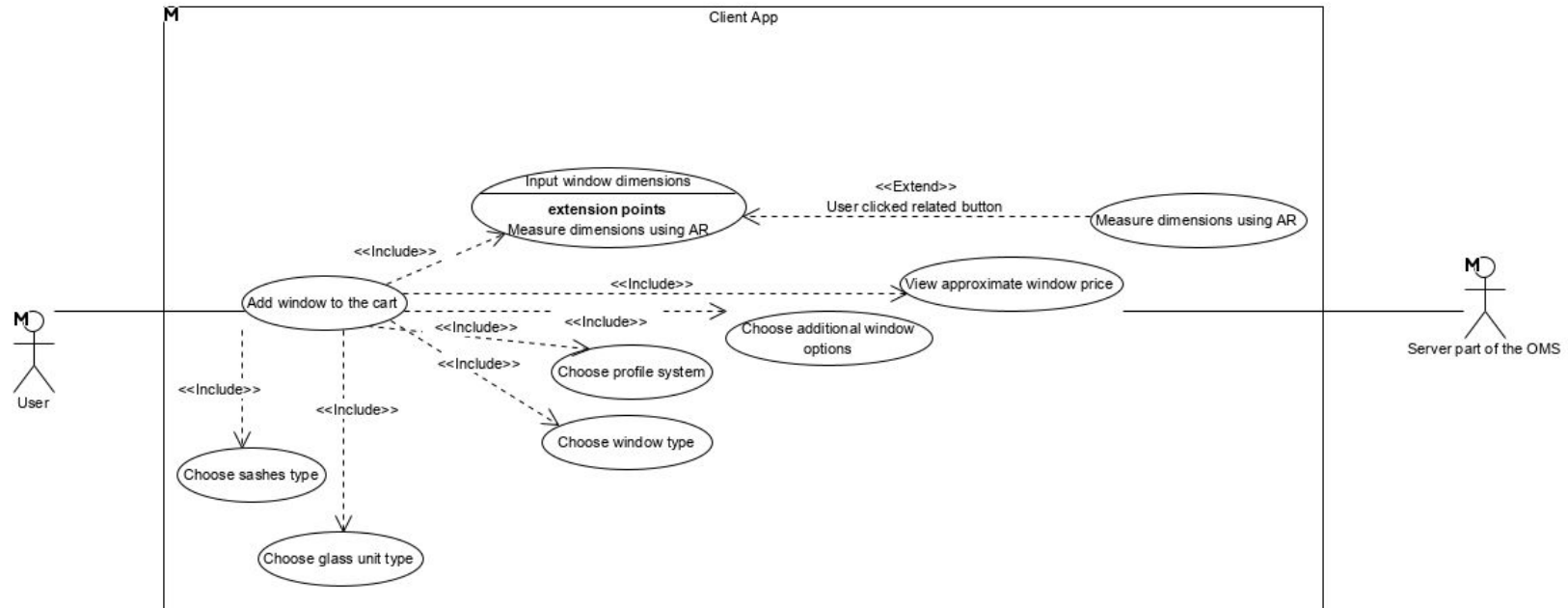
Product description

A platform designed to support the operation of a window manufacturing, sales and installation company, namely the process of interaction with the customer, designed to reduce the time and material losses of the company and to increase customer interest in it. The latter is intended to be achieved by including in the AR system technology for measuring the approximate size of windows, which will allow users to calculate the cost of a window before ordering and to select the best option for them.

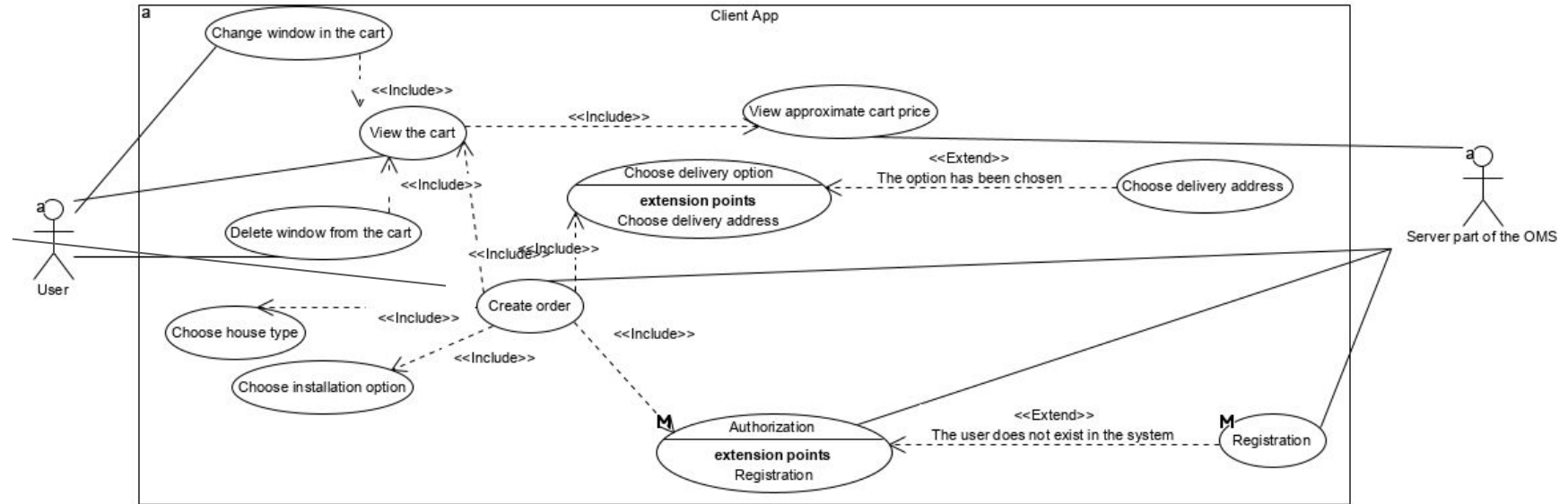
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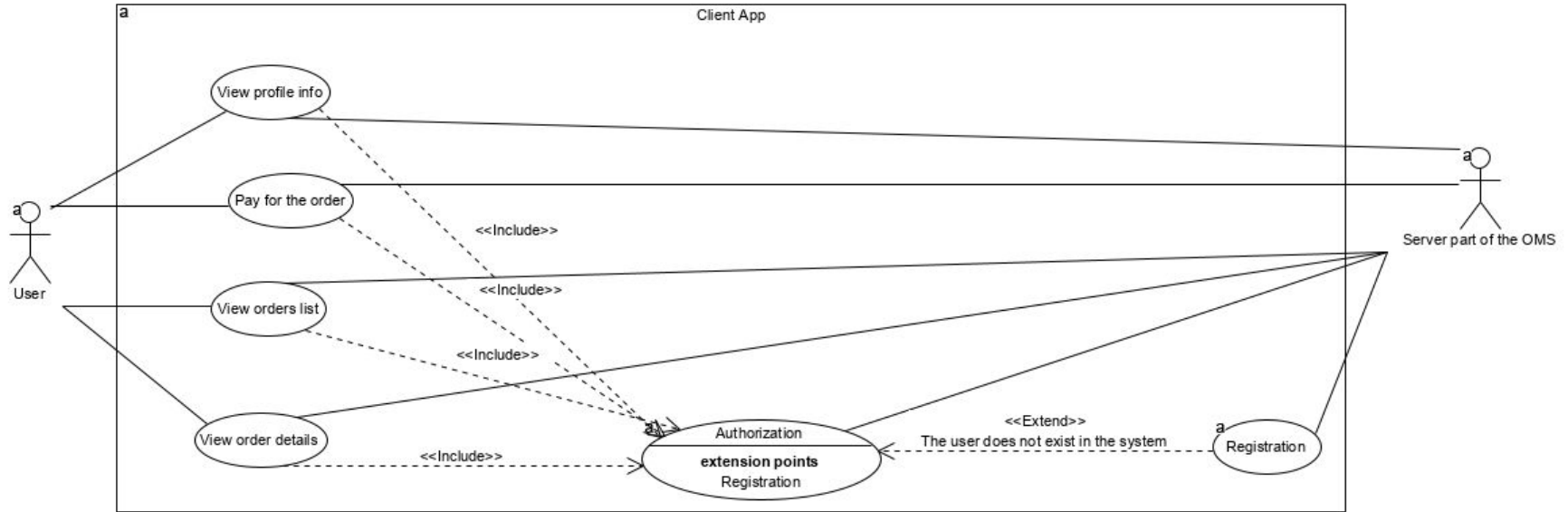
Use case diagram



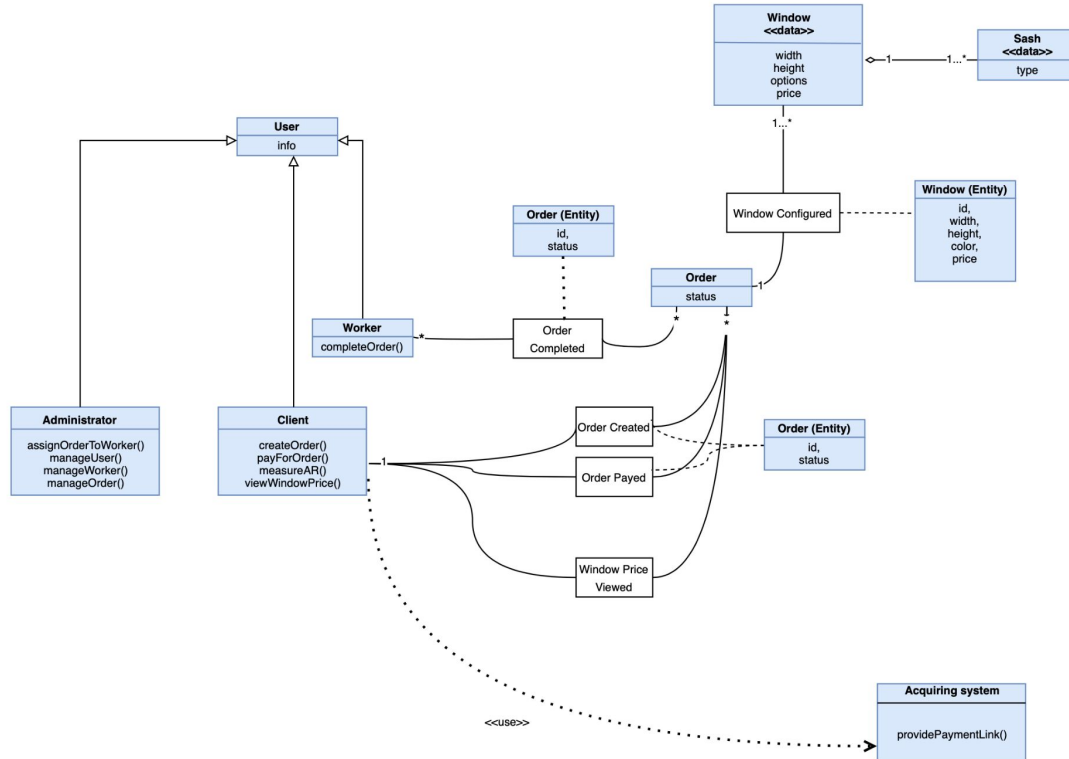
Use case diagram



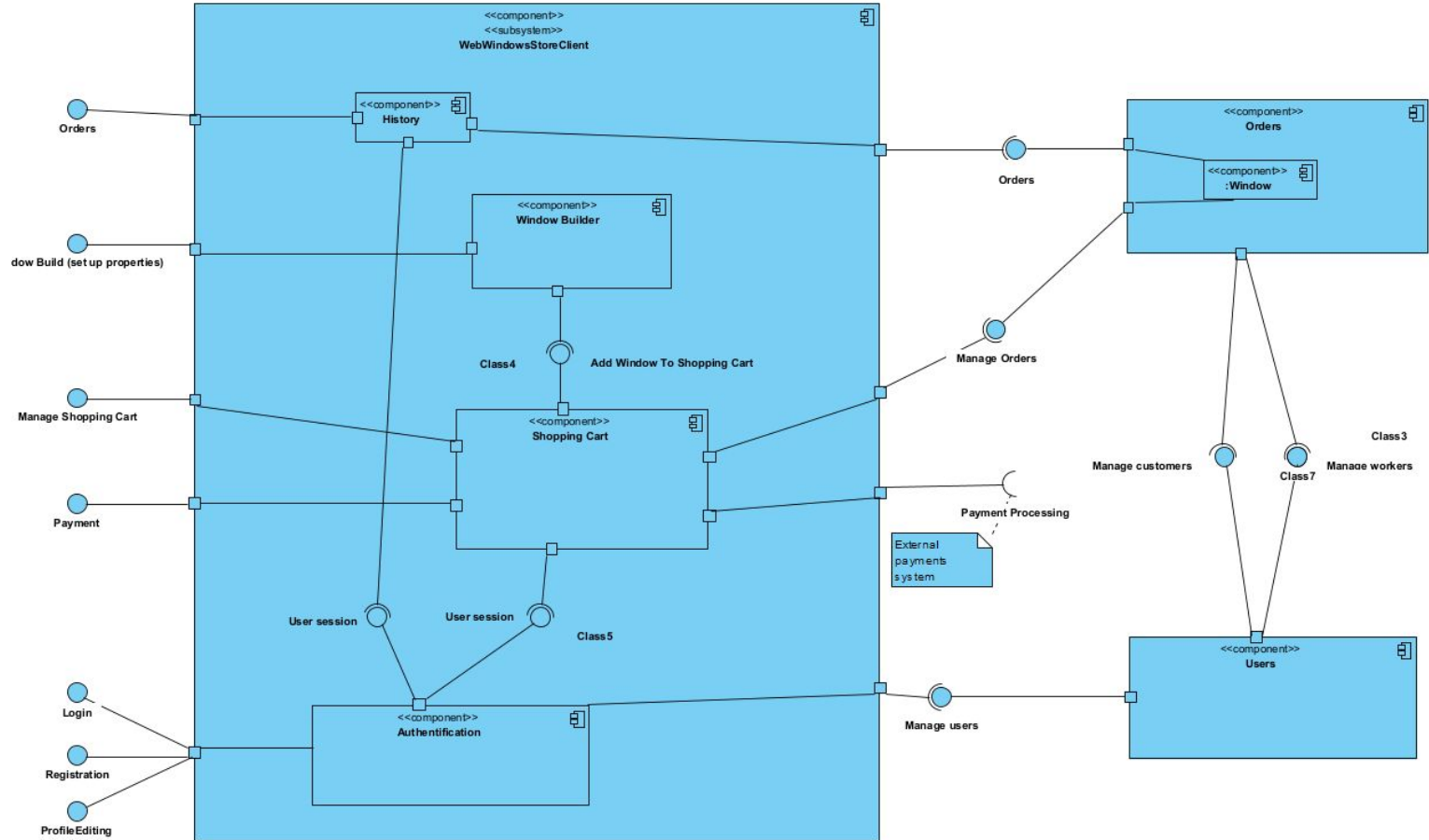
Use case diagram



Detailed class diagram



Service diagram



Traceability

Microservice (component)	Resource (interface)	Domain classes	Use case
Window Builder	-	Window	Add new window to order
Shopping Cart	User, Window	Shopping Cart	Delete window from order
Authentication	User	User Session	Save your orders
History	Order, User	-	Look your old orders

Expected technology

- Backend:
Java, Spring Boot (Spring Web, Spring Jpa, Spring Security)
- Database:
PostgreSQL
- Frontend:
ReactJS (for web client),
Kotlin/Android SDK/ AR SDK (for Android client),
Swift/iOS SDK/ AR SDK (for iOS client)