# Technical Solution Description

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# DESCRIPTION

# USED TECHNOLOGIES AND FRAMEWORKS

IDE – IntelliJ Idea 16.3

JDK 1.8

WildFly 10.1

JSP/JSTL

Oracle XE 11.2

Spring 4

Apache Maven 3.3.9

JPA 2.1 / Hibernate 5.1

JMS 2

Slf4j/logback

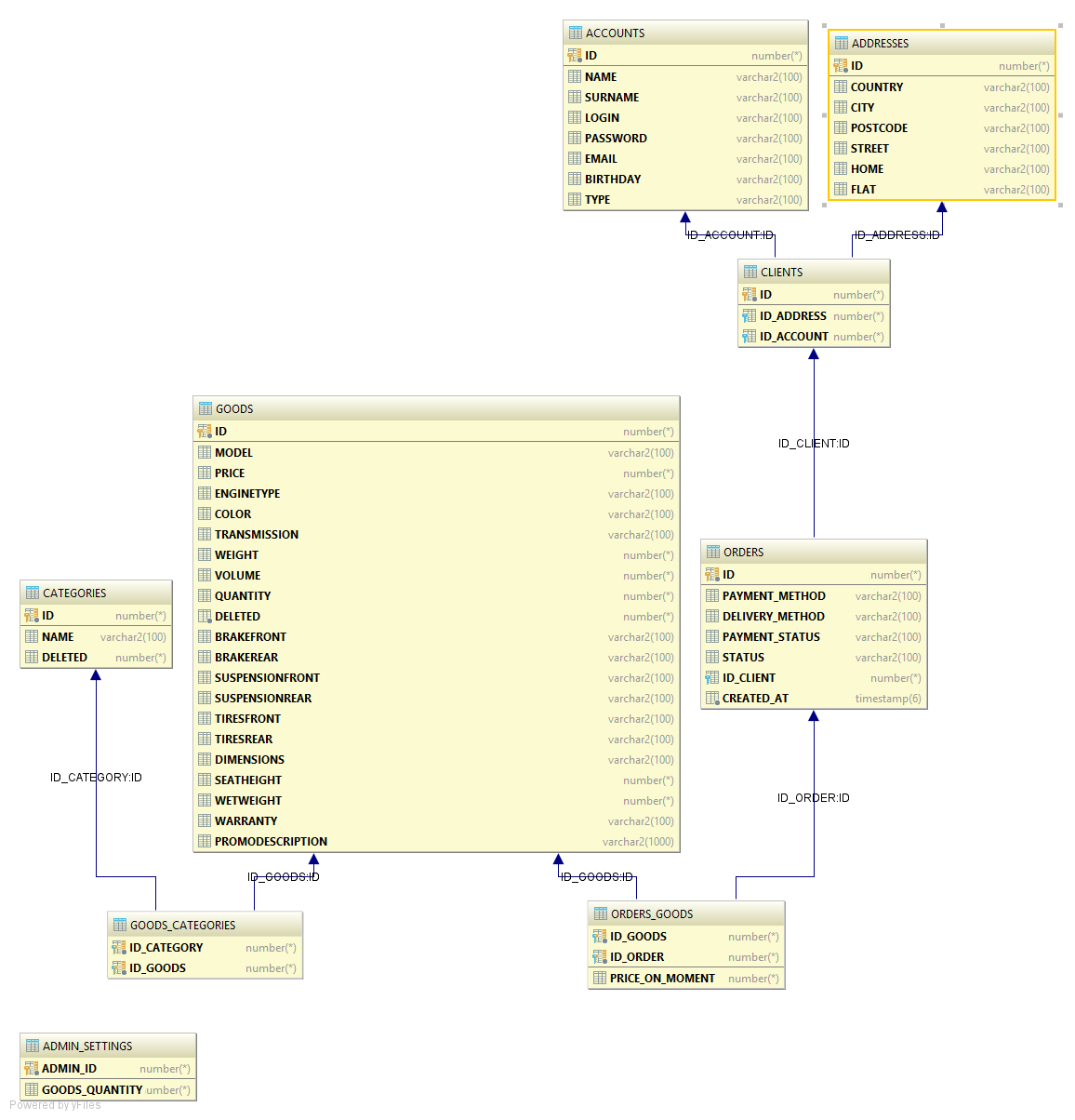
JUnit

HTML, CSS

JavaScript, jQuery

EJB 3/JSF 2

# SCHEME OF DATABASE



# MODULES OF THE APPLICATION

Application implements 3-tier architecture. View-tier represented by controllers, scripts; Business-Logic-tier by services, transports; Data-tier by repositories, entities.

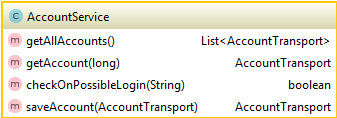
Project consists of the following modules:

* tshop-back
* tshop-front

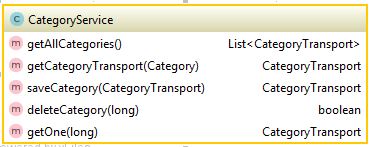
BUSINESS LOGIC

Services:

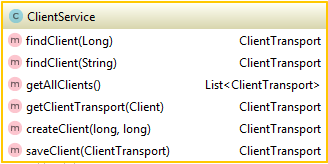
1. AccountService



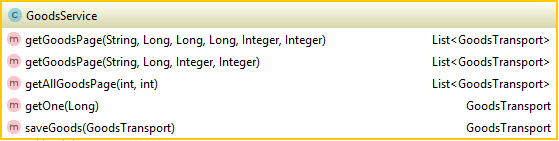
1. CategoryService



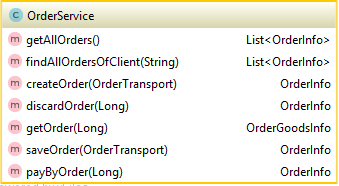
1. ClientService



1. GoodsService



1. OrderService



# FUNCTIONALITY

# IMPROVEMENTS IN THE NEXT RELEASES