



ENDTERM PROJECT

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Title: CRM and DB analysis
Course: OOP Java
Group: CS-2009
Instructor: Dostiyarov Adilbek

01

OUR TEAM

About the authors of the
endterm project

02

ABOUT THE PROJECT

Platforms and programs
that we used

03

MAIN REQUIREMENTS

Important project
requirements

04

PROJECT GOALS

Analyze customer
database

05

PROJECT STAGES

From architecture
design to testing

06

THE PROJECT IN DETAIL

Demonstrate the code in
more detail

OUR TEAM

PERNEBAYEV SANZHAR

Support for the creation of the project architecture, creation of the main diagram, filling in data in the database, partial creation of methods for outputting data in a JVM, testing the project.



SHUISHBAEV NURUDDIN

Partial creation of the project architecture, support for the creation analyzed methods in the JVM, filling in data in the database, working with documentation, testing the project.



ABOUT THE PROJECT

Our project was designed to analyze customer relationship management data(CRM). We took the client database and enter it into PGAdmin and output the data using a java virtual machine. In the project, we used several classes, methods to get the analyzed data.

WHAT WE WORKED ON



PGADMIN 4

is the leading Open Source management tool for Postgres, the world's most advanced Open Source database.



INTELLIJ IDEA

An integrated software development environment for many programming languages, in particular Java.



APP.DIAGRAMS.NET

is free online diagram software for making flowcharts, process diagrams, org charts, UML, ER, and network diagrams.

MAIN REQUIREMENTS



01

A group should consist 1-2 students



02

Project must consist of all topics that we studied



03

Your project should not be so simple. it should consist of more than 3-4 classes



04

Use the capabilities of OOP: classes, inheritance, polymorphism etc.



05

Use external data sources: DBMS



06

Use Exception handling



PROJECT GOALS

We can analyze the data and get different sorted data; and enter some data into the database via JVM.

The program that allows you to display the various analyses of data from the database, for example, show the cheapest products, sort the social status of customers by groups, etc.

PROJECT STAGES



STAGE 1 Brainstorming

Creating and designing the architecture of the project

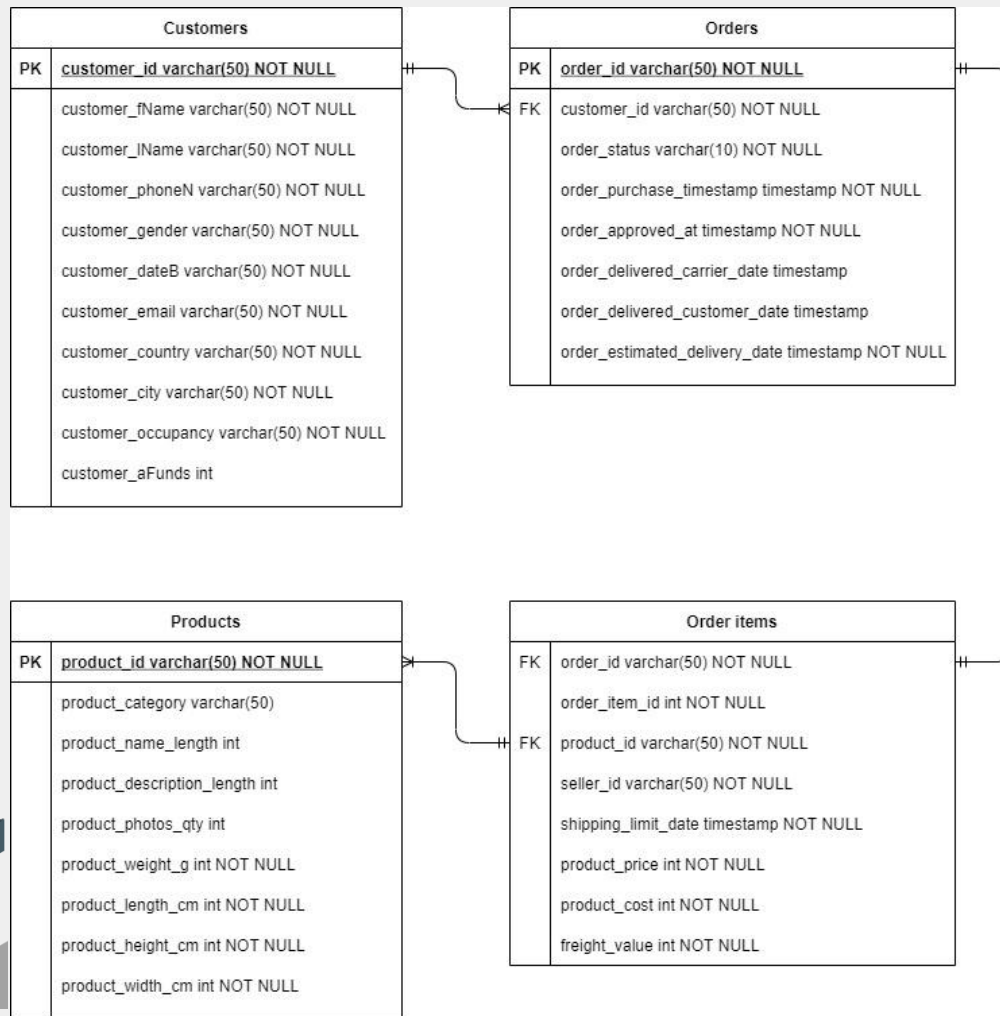
STAGE 2 Realization

Creating a data table in pgAdmin and replenishing a data

STAGE 3 Getting results

Coding in JVM and checking OOP Style testing the program

PROJECT ARCHITECTURE: ERD OF DB



- ER Diagram consists of 4 entities



THE PROJECT IN DETAIL





THANKS

Does anyone have any questions?

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