

JAVA Final Project Report

Best Computer Management

Winter Semester 2020

Group Members:

Noar Rassam, N01389325

Adnan Alajroudi

Reyhaneh Hajigholam, N01335459

Instructor: Ravinderpal Singh

Demo link:

https://drive.google.com/file/d/1d9j_WGI1pjvEmwwMzYtclLyyHc8TupT-/view

Noor's Tasks	Classes	Description
Login Form	WrHsLognPanel	The main purpose of the login class is to login as an intern or employee. In addition, the login form is linked into two text files. A text file for the registration form and the other for the Employee Display class. Besides, you can register as an intern through "Create a Login Account" link.
Registration Form	WrHsRgstrPanel	The Registration class is used to create a new account as well as to register as an intern through the text fields and radio button.
Warehouse Form (Add items)	NoorWrhsAddPd	The warehouse class is used to add items, search items, delete item, updates item, and move back and forth to find a specific product. On the other hand, the table inside the form is used to search for a specific product which is linked directly to the fields.

Validator	ValidateData	This class is used to validate all the text fields that was created in all my classes, such as the JTextComponents, JDateChooser, and JCheckBoxes.
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Adnan's Tasks	Classes	Description
Main Fram	MainForm	In this task, I created the main form and include for all internal form and link them
Employee Management	Business. Employee Data. Constants Data. <EmployeeDAO> Data. EmployeeDAOBinary Data. EmployeeDAOText Data. <EmployeeReader> Data. <EmployeeWriter> Presentation. EmployeeDisplay Presentation. ModifyEmployee.	The main purpose for this task to mange employees in the store. In this part, I did all operations Related in an employee Add, update, delete. In this part I used two forms and I used text file to read and write the data. Also, I used employee class
Invoice Managmnet	Business. AdnanStoreInvoice Business.AdnanStoreInvoiceDetails Data. AdnanInvoiceDBAccess Data.AdnanInvoiceDetailesDBAccess Presentation. AdnanInvoice Presentation .AdnanPrintInvoice	The main purpose for this task to mange the sore invoices and save them in Database and print them. I used master/Details form, so we have one invoice include many items. We use oracle database I used 3 tables to achieve this task. Also, I did another form for print
Validator	Presentation .Validator1 Presentation .ValidatorAdnan	This class to validate the data to grantee the all entry data are correct. Also, in database part I did validation for products availability.

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Reyhana's Tasks	Classes	Description
Services (repair)	RepairPanel/RepairDAOBinary...	In the service part of company, I am creating a ticket for the customers who want their products to be checked or fixed or do some services on it. So I save their ticket by entering name, date, product name... Using table, textboxes, comboboxes...
Store Order	DBAccess/GUI...	In the retailer part, I am requesting an order from store to the warehouse for some items so the order ticket contains product name, serial number, quantities... Using table, list, comboboxes...

Database Designs using Oracle SQL

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a tree view of the database schema, including tables like ACCTBONUS, ACCTMANAGER, AUTHOR, BOOKAUTHOR, BOOKS, CATEGORY, CONTACTS, CUSTOMERS, EMPLOYEEINFO, EMPLOYEES, EMPLOYEES_TEST, IL_EMPS, LOCATION, MYORDERS, ORDERITEMS, ORDERS, PROGRAMS, PROMOTION, PUBLISHER, PUBLISHER2, PUBLISHER3, STOREINVOICE, STOREINVOICEDetails, STOREORDER, STOREORDERITEM, **STOREPRODUCT**, SUPPLIERS, TEST_DEPARTMENTS, TESTING, and WAREHOUSES. The 'STOREPRODUCT' table is selected and highlighted in blue.

The main window shows the 'Columns' tab for the 'STOREPRODUCT' table. The table structure is as follows:

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 SERIALNUMBER	VARCHAR2(20 BYTE)	No	(null)	1 (null)	
2 PRODUCTNAME	VARCHAR2(50 BYTE)	Yes	(null)	2 (null)	
3 PRODUCINGDATE	DATE	Yes	(null)	3 (null)	
4 PURCHASEDATE	DATE	No	sysdate	4 (null)	
5 COST	NUMBER(10,2)	No	(null)	5 (null)	
6 RETAIL	NUMBER(10,2)	No	(null)	6 (null)	
7 QUANTITY	VARCHAR2(20 BYTE)	Yes	(null)	7 (null)	
8 AISLE	VARCHAR2(20 BYTE)	Yes	(null)	8 (null)	
9 CATEGORY	VARCHAR2(20 BYTE)	Yes	(null)	9 (null)	
10 COMMENTS	VARCHAR2(200 BYTE)	Yes	(null)	10 (null)	

At the bottom, the 'Messages - Log' pane is visible, showing a tab for 'Messages' and a 'Logging Page' button.

Oracle SQL Developer: Table N01335459.STOREORDER@Reyhaneh

Columns: Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

Columns:

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 ORDERID	NUMBER (10, 0)	No	(null)	1	(null)

Messages - Log

Messages | Logging Page | Statements

Reyhaneh | N01335459 | STOREORDER

Oracle SQL Developer

Columns: Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

Columns:

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 ORDERID	NUMBER (10, 0)	No	(null)	1	(null)
2 ITEMID	NUMBER (10, 0)	No	(null)	2	(null)
3 SERIALNUMBER	VARCHAR2 (20 BYTE)	No	(null)	3	(null)
4 QUANTITY	NUMBER (10, 0)	No	(null)	4	(null)

Messages - Log

Messages | Logging Page | Statements

Reyhaneh | N01335459 | STOREORDERITEM