JAVA Final Project Report

Best Computer Management

Winter Semester 2020

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Demo link:

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

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| 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… |
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Database Designs using Oracle SQL









