**Database Systems**

**(DBS)**

Project Report

Logo, company name

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**Table of Contents:**

|  |  |
| --- | --- |
|  |  |
| Content | **Page Number** |
| Project Title | **1** |
| Abstract | **1** |
| Project Description | **1** |
| Tables | **2** |
| Outputs | **2-4** |
| Project Breakdown | **5** |
| Conclusion | **5** |

**Project Title:**  Jewelry Store Database

**Abstract:**

There are number of jewelry stores in the world, and as the world is advancing day by day and so is the technology advancing. The technology is advancing vastly, there are number of web and desktop applications for such store. So, we have decided as our DBS project to make a desktop application for the jewelry store and make it simple, efficient, and easy to use for the user. This application can be used in different shops and stores with different changes in the forms of the application.

**Project Description:**

Our project is based on the basic forms of a jewelry store, the UI is made simple and easy to use which is user friendly. It consists of 10 forms, each specifying it’s purpose. First of all, Login is asked from the user if the credentials are true then he is given access and he is moved to the Home Page, and from there the user can edit, view, delete from different tables in the database.

Our database name is HASEEB, which is on a particular laptop on which our desktop application is running. Our database consists of five tables.

We have used SQL Server as backend to store the data and the forms were created on visual studio and the coding was done in C#.

**Tables in our Database:**

There are five tables in our database, which relate to our database.

1. Login
2. Employee
3. Customer
4. Products
5. Bill

**Output at each stage:**

We are only given access when our username and password match the username and password in the database. If it matches then we are given access and moved to home page, else error occurs, and we have to try again.

Graphical user interface

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The home page will open up after we are given access and our login has succeeded, from home page we can navigate to any of the options.

Text

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After Inserting, Updating and Deleting the pop-up message of success is shown.

Graphical user interface, application

Description automatically generated

After pressing the reset button, the data in the entries field is cleared and the text boxes are made empty.

Graphical user interface, application, Word

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We can see the record of each table in our database, from the show record button.

Table

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**Project Breakdown:**

Add

Reset

Delete

Edit

Custom Information

Product Information

Bill Information

Delete

Reset

Edit

Add

Delete

Reset

Edit

Add

Add

reset

Reset

Delete

Home Page

Login Screen

Employee Information

**Conclusion:**

In conclusion, we were successful to create a database and a perfectly working Desktop Application related to Jewelry Store. The application is simple and very user friendly, where the user can perform multiple operations, such as adding data, updating data, deleting data and viewing data.

x THE END x