

JEWELLARY MANAGEMENT OF SOFTWEAR SYSTEM

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Abstract: Jewellery Shop Management is software which is concerned with the computerization of the records maintained in jewellery. In this project the details about the customer, agents and the staff are stored in separate tables. Customers' details are stored in a single table by day to day process at the time of purchase. The agent details are stored indifferent tables based on the item purchased i.e., gold, silver, diamond etc. Then staff's details can be classified into different categories according to their respective designations on the basis of which their salary is calculated. The standard rate of purchasing items such as gold, silver and diamond are stored in a separate table. Reports generation and billing can be done easily. As the market rates are volatile these rates can be changed as and when required. It is planned to design in such a way that a normal computer user even with account knowledge can use this software to maintain the resource flow. Addition, deletion and modification of the record are easy. These processes are done by entering the details and clicking on the respective place. Thus the project satisfies the entire needs of the jewelers in the process of maintaining these records and saves a lot of time.

Keywords: Data flow diagram, Databases, Jewellery, Visual basic

INDRODUCTION

ABOUT THE ORGANIZATION: Using manual process the work become slowly. As technologies are been developed and we now updating to the advanced technology want work to be done faster and to reduce the manpower involved in the work. The maintenance cost will be more and it should be maintain carefully. A person who doesn't have knowledge of it could not be able to handle the system. Thus taking this into consideration. In the Jewellery Resource Management project, the project can give any kind of information through reports and queries if required is very sophisticated to use and modify. The project is designed in such a way that it can afford any changes that occurs in future .The project can also be modified according to the needs It is feasible to have an integrated system with GUI and Relational Database for the Jewellery Resource Management. The wastage of storage space is avoided by eliminating the data redundancy, which needs careful programming. The careful programming minimizes the processing time. The user can easily handle the system. The system adopts regularity and it is flexible to operate _But maintaining the same quality or upgrading the present one is not an easy task because quality is the ultimate picture of the entire business. Good quality of a product depends on many factors e.g. sound infrastructure, better management control, etc. So to obtain the optimum quality, jewelers have to upgrade.

ABOUT THE PROJECT: - Those ingredients by which the quality is affected. To upgrade those ingredients the jewellers have to depend on some types of data. So, if the decision making person of the business wants to have a grip on the total business, he/she will have to have a knowledge of the entire flow of data and information within the organization .It cannot be done without the help of a Business Related Software. Jewellery management system is developed in Asp.Net, which can keep track of all your business activity in a jewellery shop from small segments to large and very large segments. As we all know the jewellery trade can be divided into three major categories i.e.

- 1) Retail
- 2) Wholesale
- 3) Export

Main Features Of Jewellery Management System:

Creation of unlimited types of purity

Each purity can be divided into 50 grades depending on percentage of alloys.

❖ Creation of Artisan/Dealer Master

Every single information regarding the artisan/dealer can be stored here e.g. name & address of the artisan, making charge of an ornament etc.

❖ Creation of Customer Master

Every single information regarding the customer can be stored here e.g. name & address of the customer etc.

❖ Creation of Stone Master

There are many types of stones in the business which are categorized according to:

- 1) Diamond : It can be divided into many categories e.g. round, square, Marquise etc.
- 2) Colour Stones : Ruby, Pearl, Emerald, etc.

NET FRAMEWORK CLASS LIBRARY

The .NET Framework class library is a collection of reusable types that tightly integrate with the common language runtime. The class library is object oriented, providing types from which your own managed code can derive functionality. This not only makes the .NET Framework types easy to use, but also reduces the time associated with learning new features of the .NET Framework. In addition, third-party components can integrate seamlessly with classes in the .NET Framework.

For example, the .NET Framework collection classes implement a set of interfaces that you can use to develop your own collection classes. Your collection classes will blend seamlessly with the classes in the .NET Framework.

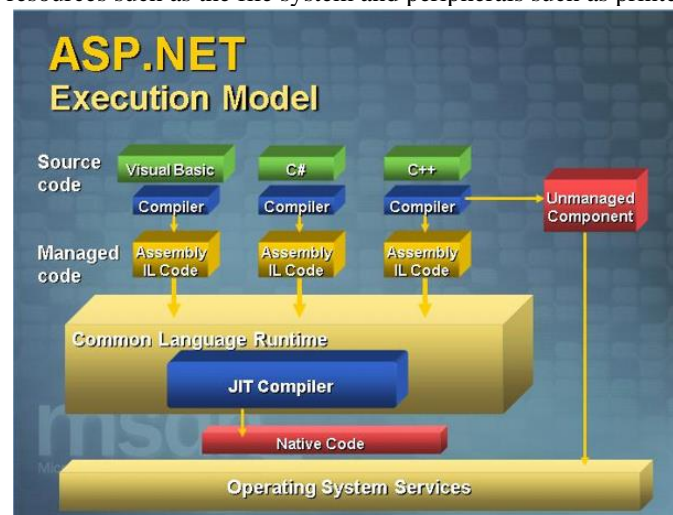
As you would expect from an object-oriented class library, the .NET Framework types enable you to accomplish a range of common programming tasks, including tasks such as string management, data collection, database connectivity, and file access. In addition to these common tasks, the class library includes types that support a variety of specialized development scenarios. For example, you can use the .NET Framework to develop the following types of applications and services:

- Console applications.
- Scripted or hosted applications.
- Windows GUI applications (Windows Forms).
- ASP.NET applications.
- XML Web services.
- Windows services.

For example, the Windows Forms classes are a comprehensive set of reusable types that vastly simplify Windows GUI development. If you write an ASP.NET Web Form application, you can use the Web Forms classes.

CLIENT APPLICATION DEVELOPMENT

Client applications are the closest to a traditional style of application in Windows-based programming. These are the types of applications that display windows or forms on the desktop, enabling a user to perform a task. Client applications include applications such as word processors and spreadsheets, as well as custom business applications such as data-entry tools, reporting tools, and so on. Client applications usually employ windows, menus, buttons, and other GUI elements, and they likely access local resources such as the file system and peripherals such as printers.



Figurer 3.3.2

The Windows Forms classes contained in the .NET Framework are designed to be used for GUI development. You can easily create command windows, buttons, menus, toolbars, and other screen elements with the flexibility necessary to accommodate shifting business needs.

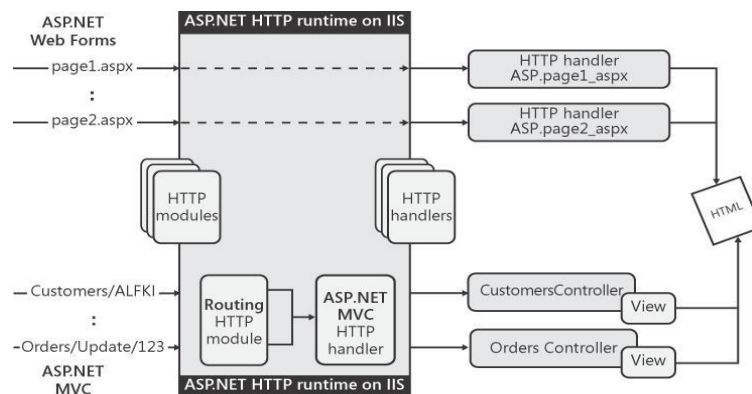
For example, the .NET Framework provides simple properties to adjust visual attributes associated with forms. In some cases the underlying operating system does not support changing these attributes directly, and in these cases the .NET Framework automatically recreates the forms. This is one of many ways in which the .NET Framework integrates the developer interface, making coding simpler and more consistent.

ASP.NET

Server Application Development

Server-side applications in the managed world are implemented through runtime hosts. Unmanaged applications host the common language runtime, which allows your custom managed code to control the behavior of the server. This model provides you with all the features of the common language runtime and class library while gaining the performance and scalability of the host server.

The following illustration shows a basic network schema with managed code running in different server environments. Servers such as IIS and SQL Server can perform standard operations while your application logic executes through the managed code.



Figurer 3.3.3

SERVER-SIDE MANAGED CODE

ASP.NET is the hosting environment that enables developers to use the .NET Framework to target Web-based applications. However, ASP.NET is more than just a runtime host; it is a complete architecture for developing Web sites and Internet-distributed objects using managed code. Both Web Forms and XML Web services use IIS and ASP.NET as the publishing mechanism for applications, and both have a collection of supporting classes in the .NET Framework. XML Web services, an important evolution in Web-based technology, are distributed, server-side application components similar to common Web sites. However, unlike Web-based applications, XML Web services components have no UI and are not targeted for browsers such as Internet Explorer and Netscape Navigator. Instead, XML Web services consist of reusable software components designed to be consumed by other applications, such as traditional client applications, Web-based applications, or even other XML Web services. As a result, XML Web services technology is rapidly moving application development and deployment into the highly distributed environment of the Internet.

If you have used earlier versions of ASP technology, you will immediately notice the improvements that ASP.NET and Web Forms offers. For example, you can develop Web Forms pages in any language that supports the .NET Framework. In addition, your code no longer needs to share the same file with your HTTP text (although it can continue to do so if you prefer). Web Forms pages execute in native machine language because, like any other managed application, they take full advantage of the runtime. In contrast, unmanaged ASP pages are always scripted and interpreted. ASP.NET pages are faster, more functional, and easier to develop than unmanaged ASP pages because they interact with the runtime like any managed application.

ACTIVE SERVER PAGES.NET

ASP.NET is a programming framework built on the common language runtime that can be used on a server to build powerful Web applications. ASP.NET offers several important advantages over previous Web development models:

- **Enhanced Performance.** ASP.NET is compiled common language runtime code running on the server. Unlike its interpreted predecessors, ASP.NET can take advantage of early binding, just-in-time compilation, native optimization, and caching services right out of the box. This amounts to dramatically better performance before you ever write a line of code.
- **World-Class Tool Support.** The ASP.NET framework is complemented by a rich toolbox and designer in the Visual Studio integrated development environment. WYSIWYG editing, drag-and-drop server controls, and automatic deployment are just a few of the features this powerful tool provides.

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