YAMAHA BIKES & AUTOPARTS

As a part of BCA
Year 2012-2013

Project Developed By
[BCA]SEM-VI

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Submitted To
Saurashtra University(Rajkot)

Collage
Shree M&N Virani Science Collage Rajkot
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PREFACE

The main objective of any computer science student is to get as much as practical knowledge as possible. The project training is the implementation of the theoretical knowledge in practical. We can expand our view about the implication of the theoretical knowledge in practical field.

Through the development of the project I had a great experience of strategies that can be applied in development of the project. The project is the stepping stone of the career.
ACKNOWLEDGEMENT

The present of this report gives us the feeling. As the final frontier toward achieving a BCA,

Keeping In with the syllabus as prescribed by the saurastra university-Rajkot, we are the students of BCA allowed to ourselves do project work on “BOOKING MOVIE TICKET” using ASP.NET and My SQL, in Shree M & N Virani science college, Rajkot

We are sincerely thanks my department of faculty. We have taken this opportunity to our gratitude to Mr. Keyur sir & Mr. Pradipsir who always motivated to do something extraordinary. They provided me with a very friendly environment in the institute.

We express my sincere thanks Sir Hitendra Donga, the Head of Computer Department in Shree M & N VIRANI SCIENCE COLLEGE RAJKOT for his support through the project & providing his invaluable guidance and expertise during the training session.

And finally, my sincere thanks to my batch-mats, who had provided us with innumerable discussions on many technicalities and friendly tips.
Advantages:

This is Electricity less way of managing this kind of system. Its website and any software or hardware engineers for the maintenances of it.

Disadvantages:

We can say that, this technique is full of complexity for every transaction. No one in this facility when internet not available. We have must be their printer of print ticket.

The people have to keep the lots of booking system to keep the every records and possibility of mistakes by the system.

It is so time consuming process in this old technique. Difficult to find any particular record quickly. Difficult to modify the stored records or information.
**Project Summary**

We have decided to make user friendly website for online bike booking and purchasing system. That’s why we have chosen our favorite hobby & funning “online bike purchasing system”.

This website has been server side & also be client side facilities. Other will be many facility provide there.

In that Pentium processor, 1 gb ram. There are 1.44 floppy disk. In that so many operating system as like window xp, window 7, vista...Etc. so we have using in flash 8.0, browser of Mozilla Firefox. And Photoshop 7.0, and most thing in template of finding in internet.

So we have front end in Microsoft visual studio in asp.net & back end sql server 2008 using in website.
**System Requirements**

This application requires the following kinds of requirements:

**Hardware Requirements:**

- Computer Machine or System of Latest Technology.
- Telephone line for the Internet connection.
- Pen drive for some data transportation.
- Hubs, switches or cables for the connectivity of more than one machine.
- Processor: Pentium 3 or (Any higher Version).
- Ram: 512 MB or 1 GB DDR.
- Cache: 512 MB.
- 1.44 MB Floppy Disk Drive
- CD writer For Backup
- HDD: 40 or 80 GB (According to the Application).
- External Device: CD or DVD drive, USB port.
**Software Requirements:**

- Operating System:
  - Windows XP, Windows 7 or any of both of them
- Adobe Photoshop 6.0 or later
- Flash 8.0 or later
- Mozilla Firefox Browser
- Front end: ASP.NET (Active server pages)
- Back end: SQL server
Analysis

The first step was to understand the structure of the system. The next most important step was to understand the business logic of the respective modules of the system.

After studying the system it was the time for gathering requirements and information about the system.

The information was collected and consolidated by conducting a series of interviews with the project manager.

This was supplemented with collection of documents that from the part of the present simultaneously, a study of a development tools was carried out.

Most of the requirements and design of the database were given by the project manager, then also while implementing the system some design issue regarding database were encountered that we were solved by discussion with project manager.
Project Risk

During the analysis of my whole application, I discovered some of the risk that could effect this application while developing and also while accessing this System.

These are those risks:

✓ Technological Risk
✓ Economical Risk
✓ Political Risk

Technological Risks:

First the application should be accessed without any technical problems. Because this technology risk contains whether the application has any technical risk during the accessing of this or no, another thing to be noted is about the technologies which I have used here, for which we had to prepare and study.

This system is being development using Asp.net and Mysql it provides comprehensive functions to make a system user friendly. This machine configuration also supports the software. During the data entry the report generation is made easy. Backup and restore facility are provided easy retrieval of data.
**Economical Risks:**

There is no need to worry about the economical risks because the only concentration here is in the computer and the internet access when this project is used as the real application so economical risks does not matter so much in our application.

About financial estimate of this project requires no extra charges and all hardware and software costing is tangible. So, green signal of financial feasibility the economical questions raised by analysis during the preliminary investigations are for the purpose of estimating following:-

The cost conduct a full investigation is not needed.

The cost of hardware and software for the class of application is being considered.

The cost for external device printer is needed.
**Political Risks:**

There is no need to worry about the political issues here because it is just a Controlling System where is not a single political issues may be occurred.

**Operational feasibility:**

Since the System has been in the this System is flexible to access for everyone. As we have design the form that user can easily understand and can go with it further. Asp.net also provides the GUI components.

**Quantification Risk:**

Risk needs to be quantified in two dimensions. The impact of the risk needs to be assessed. The probability of the risk occurring needs to be assessed. For simplicity, rate each on a 1 to 4 scale. The larger the number, the larger the impact or probability. By using a matrix, a priority can be established.
Feasibility

The main aim of the feasibility study activity is to determine whether it would be financially and technically feasible to develop a project. The feasibility study activity involves the analysis of the problem and collection of all relevant information relating to the reward provided to employees, such as the different data items which would be input to the system, the processing required to be carried out on these data, the output required to be produced by the system as well as the various constraints on the behavior of this system. During feasibility study most of the high-level architectural design & decisions are made.

Operational Feasibility:

This System is not as tough to access as it was the previous, So that it is easy to make the transaction or the process of any data with the help of this Payment Control System. For that the user should know the basic knowledge of Computing.

This System has been made in the Graphical User Interface Environment so it has been user friendly System. Because of
that every employee can access this System by Checking their particular information of their reward and the additional allowance.

**Technical Feasibility:**

Technical feasibility considers whether the project can be completed within the available technology. As our project is Payment Controlling System the available technology is enough in the development of this System.

The technical issues usually raised during the feasibility stage of the investigation include these,

- Does the necessary technology exist to do what it is suggested (and can be it required)?
- Are developers aware of these technologies?
- Are there technical guarantees of accuracy, reliability, is of access security?
- Can the system be expanded if developed?
Schedule Feasibility:

Projects are initiated with a specific deadline. We need to evaluate whether the deadline are mandatory or desirable. Time is one of the critical factors in the development of any system and hence proper scheduling is very essential for the timely completion of a project. It should be completed in curtained schedule.

Economical Feasibility:

This economic feasibility introduce that the development and use of the any System is economically feasible or not. As per this point it is really feasible to develop it because there was no need of some critical software which is not flexible to access or to purchase. The freeware software is enough in the creation of it. It is also feasible for any company to use of this System for its controlling process of the expenses of the company provided to the employee.
User Requirement

User requirement is also one of the striking features of any System. The whole System is depending on the user requirement. The structure of any System is developed after analyzing the user requirement because it is the platform or the base of the System By which the functionality and the technology can be included.
**Platform Specification**

**Asp.net (Active Server Pages):**

Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It can be used to develop console and graphical user interface applications along with Windows Forms applications, web sites, web applications, and web services in both native code together with managed code for all platforms supported .NET Framework, .NET Compact Framework and Microsoft Silver light.


ASP.NET is a web application framework developed and marketed by Microsoft to allow programmers to build dynamic web sites, web applications and web services.

ASP.NET is now officially known as “Active server pages”. ASP stands for Active Server Pages. ASP is a program that runs inside IIS. IIS stands for Internet Information Services. IIS comes as a free component with Windows 2000. IIS is also a part of the Windows NT 4.0 Option Pack. The Option Pack can be
downloaded from Microsoft. PWS is a smaller - but fully functional - version of IIS.

Dynamically edit, change or add any content of a Web page. Respond to user queries or data submitted from HTML forms. Access any data or databases and return the results to a browser. Customize a Web page to make it more useful for individual users.

ADVANCE:

ASP .NET Server Controls can detect the target browser's capabilities and render them accordingly. No issues for compatibility issues of Browsers

Newer set of controls that can be used in the same manner as any HTML control like controls. Without any need of Activex Control without bringing up issues of Browser compatibility.

Processing would be done at the server side. In built functionality to check for few values

ASP .NET Server Controls have an object model different from the traditional HTML and even provide a set of properties and methods that can change the outlook and behavior of the controls.

ASP.NET Server Controls have higher level of abstraction. An output of an ASP .NET server control can be the result of many
HTML tags that combine together to produce that control and its events. Example: Grid view or Form control.

The HTML Server Controls follow the HTML-centric object model. Model similar to HTML

Here the controls can be made to interact with Client side scripting. Processing would be done at client as well as server depending on your code.

**DISADVANTAGE:**

You would need to code for the browser compatibility.

The HTML Server Controls have no mechanism of identifying the capabilities of the client browser accessing the current page.

The control of the code is inbuilt with the web server controls so you have no much of direct control on these controls.
AJAX:

In September 2008 Scott Guthrie, the head of the ASP.NET team, announced in a blog post that Visual Studio would be shipping with the jQuery library.

jQuery is a lightweight open source JavaScript library that in a relatively short span of time has become one of the most popular libraries on the web. A big part of the appeal of jQuery is that it allows you to elegantly (and efficiently) find and manipulate HTML elements with minimum lines of code. The jQuery library also works well on the same page with ASP.NET AJAX and the ASP.NET AJAX Control Toolkit. With that, JQuery is officially embraced by ASP.NET.

jQuery is the star among the growing list of JavaScript libraries. A few of its characteristics are light-weight, cross-browser compatibility and simplicity. A common task that sometimes takes 10 lines of code with traditional JavaScript can be accomplished with jQuery in just one line of code.
jQuery is one of the more effective and light-weighted ones. ASP .NET team has come up with its own AJAX and JavaScript libraries in its unifying ambition to convert every programmer (be it C# or VB or something else) into a Microsoft faithful. However, its JavaScript library is considerably bulky, bandwidth-costly and poses a steep learning curve.

On the other hand, ASP .NET has always been predominantly a server side technology, web services and code behind page methods have always been the founding stones of web applications. The development of ASP.

jQuery is one of the more effective and light-weighted ones. ASP .NET team has come up with its own AJAX and JavaScript libraries in its unifying ambition to convert every programmer (be it C# or VB or something else) into a Microsoft faithful.

ASP .NET has always been predominantly a server side technology, web services and code behind page methods
have always been the founding stones of web applications.

**SQL SERVER:**

The previous version of SQL Server, SQL Server 2008. There are including digital media formats for pictures, audio, video and other multimedia data. In current versions, such multimedia data can be stored. Intrinsic awareness of multimedia data will allow specialized functions to be performed on them. SQL Server 2008 can be a data storage backend for different varieties of data: XML, email, time/calendar, file, document, spatial, etc as well as perform search, query, analysis, sharing, and synchronization across all data types.
## DATABASE DESIGN

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1. Home
2. Yamaha's
3. Accessories

- **Accessories**
  - wheel 4 spoke
    - Color: black
    - Price: 15000
    - **Buy**
  - vmax engine
    - Color: black
    - Price: 240000
    - **Buy**

- **Appreals**
  - Yamaha Inversion Jacket
    - Color: black
    - Price: 3500
    - **Buy**
  - Yamaha Inversion Jacket
    - Color: blue
    - Price: 3550
    - **Buy**
4. Service

Say 'Y.E.S.' to Yamaha Extended Service

It's no secret that repair costs continue to rise. While your Yamaha is in warranty, you can relax, because the factory will step in to pay for those expensive repairs with the best warranty coverage in the industry. Wouldn't it be comforting to have the same kind of coverage, even after the warranty expires? You can!

By adding Yamaha Extended Service — Y.E.S. — to your Yamaha, you get a solid protection plan designed and administered by Yamaha just for discriminating Yamaha owners like you. It's coverage that can help you steer around the inconvenience of repairs. Look at benefits Y.E.S. delivers:

- **Buying Y.E.S. is easy!**
  Ask your Yamaha dealer or call us "all free" at 866-YES-EXTD to find out how easy it is to add the peace of mind of Yamaha Extended Service to your machine. You’ll rest easy.

- **Peace of mind.**
  Repairs become Yamaha’s problem, not yours. Y.E.S. will be there, whether the repair costs a few dollars... or thousands!

- **Protection from expensive repair bills.**
  Don’t let unexpected repairs throw a monkey wrench into your finances.

- **Nationwide coverage.**
  Have the nationwide network of Yamaha dealers behind you.

- **Uninterrupted genuine Yamaha coverage.**
  Y.E.S. takes over automatically when your original factory warranty expires.

- **Affordable protection.**
  Years of Y.E.S. coverage for a fraction of the cost of just one major repair bill.

- **No deductible.**
  There’s complete coverage on mechanical defects* — you don’t have to pay anything.

- **Increase value on your Yamaha.**
  Your Y.E.S. protection plan is transferrable, which can increase your Yamaha’s value if you decide to sell or trade it in later.
5. Payment

![Payment Information](image)

- Bank: SBI, ICICI, HDFC, AXIS
- Credit Card No.: [Input Field]
- Password: [Input Field]
6. Contact us

Yamaha Motor Corporation, USA
6655 Katella Avenue
Cypress, CA 90630

Sales, marketing and distribution of Star Motorcycles.

Customer Relations
(800) 556-7665

For questions about your Yamaha Credit Account:

Yamaha Card Customer Relations
(800) 252-5255

Yamaha Installment Customer Relations
(877) 514-1977
7. Admin
8. **Bike Admin**

![Bike Admin Image]

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9. **Accessories Admin**

![Yamaha Accessories Admin]

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References:

1. www.w3school.com
2. www.yamaha.com
3. www.yamaha.uk.com
4. www.bussiness.com
5. www.sourceforgeworld.com

Thank You