

Cricket Based Kit and Designing

Akshay jayakeerthan N ^{#1}, Mr. A. Srinivasan ^{*2}

*#Student, B.Sc Computer Science, Rathinam College of Arts and Science,
Coimbatore, Tamil Nadu, India -641021
preeka2718@gmail.com*

**Assistant Professor, Department of Computer Science,
Rathinam College of Arts and Science, Coimbatore, Tamil Nadu, India -641021
srinivasanar91@gmail.com*

Abstract - Cricket is a sport in which two teams play against each other by trying to maneuver a ball or a puck into the opponent's goal using a Cricket stick. There are many types of Cricket such as bandy, field Cricket and ice Cricket. The word Cricket itself is of unknown origin. One supposition is that it is a derivative of hoquet, a Middle French word for a shepherd's stave. The curved, or "hooked" ends of the sticks used for Cricket would indeed have resembled these staves. Another supposition derives from the known use of cork bungs, (stoppers) in place of wooden balls to play the game. The stoppers came from barrels containing "hock" ale, also called "hocky". Cricket things Shopping Cart System is the Simple shopping Solution. It's a full-featured website and shopping cart system that bends over backwards to give you the flexibility you need to run your online store. The basic concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store). The Server process the customers and the items are shipped to the address submitted by them. The details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. There are two actors in this Cricket shopping project. First one is administrator, another one is Customer. Administrator has permission to add Cricket things like Cricket ball, Cricket bat, safety guard, etc., then admin add some important match video link and also Cricket match tournament information are updated in this website. Customer has permission to purchase Cricket things. Customer can view the Cricket matches through online and also view the Cricket match tournament details.

Index Terms – Cricket, RDBMS, Shopping cart system.

I. INTRODUCTION

The project entitled "Cricket Based Kit and Designing System" is developed using wamp server and base language is PHP with the database is My SQL. Because PHP base code is effective language to write, understand easily also user friendly to both Programmer and user compare to all other web technologies and also PHP is open-source software and light weight component. The biggest two field Cricket tournaments are undoubtedly the Olympic Games tournament, and the Cricket World Cup, which are held every 4 years. Cricket tournaments are held at continental level after every four years. Apart from this, there is the Champions Trophy held each year for the six top-ranked teams. Field Cricket has also been played at the commonwealth Games since 1998. In men-Cricket, India has won eight times Olympic gold and Pakistan lifted World Cup four times. In women-Cricket, Australia has won three times Olympic gold medals while The Netherlands has clinched the World Cup six times. In this project There are two actors in this Cricket shopping. First one is administrator, another one is Customer. Administrator has permission to add Cricket things like Cricket ball, Cricket bat, safety guard, etc., then admin add some important match video link and also Cricket match tournament information are updated in this website. Customer has permission to purchase Cricket things. Customer can view the Cricket matches through online and also view the Cricket match tournament details.

II. SYSTEM DEVELOPMENT

Existing system:

The existing system is manual one. The number of customer's arrival is on an alarming rate on the manual calculations always results in an error which are great loss to the Cricket product shopping. Even though mostly nowadays the Products find their place everywhere. Here, there has been confusion on the installation of system and what kind of shopping mall they were going. There is no option to find Cricket match tournament details. And also Cricket matches video collection.

Disadvantages:

1. Cannot find Cricket match tournament
2. Erroneous data entry due to human errors.
3. Searching and verifying of Cricket product are more time consuming.
4. Reports are not in a presentable form.
5. Loss of past records due to mishandling and improper storage facilities.
6. Slow processing.
7. More time to search Cricket match video

Proposed system:

In the computerization of the concern, the errors can be rectified. The proposed system is used mainly to maintain the organization. The new system will replace the existing manual processing to overcome the drawbacks. It maintains all the customer details, Cricket Product details, Order details and Cricket video and tournament details the checking process through the website. In the proposed system, we implement a new strategy, to minimize the delay time of services and to ensure good quality. This system manages all user details. The users who are new to this system can register their identity and make up their purchase order the Cricket Product. Hence by organizing the product and managing the user details within the system helps in making a secure and faster quality services to the users.

Advantages:

1. Easy to find Cricket match tournament
2. Less time to take search Cricket match video
3. It is very accurate

4. It can store larger amount of data and can have a backup copy when needed.
5. Very good at calculations.
6. All the process has done at high speed.
7. It does the work very efficiently.
8. Reduced paper work.

Modules description:

Authentication:

This module contains all the information about the authenticated Customer, Admin. Customer and admin without his username and password can't enter into the login if he is only the authenticated user then he can enter to his login. Authentication is the process of verifying the identity of a Person by obtaining some sort of credentials and using those credentials to verify the Users identity. If the credentials are valid, the authorization process starts. Authentication process always proceeds to Authorization process.

User Registration/Login:

In Registration Module new customer can be register in this website then only customer can access the further process. It contains information about Name, User Name, Password, Gender, Address, Contact No, and Mail ID. The User Name is unique identification name that is it set to be a primary key constrains. After the registration, he will be issued with valid user id and password by the Administrator for every customer. The customer can log into the system with this user Id and Password. After successfully login into the system, the user moves to the home web page where he will get further module about the process.

Add Cricket Product:

In Cricket Product Entry Module Admin Add the New Cricket Product details. It Contains Information about Cricket Product ID, Name, price, other details of the Cricket Product. Administrator only maintains details of the Cricket Product and Admin can finally store the information in database Cricket Product Table.

Add Cricket Match:

In Cricket match Module Admin Add the Cricket match video link. It Contains Information about Cricket match ID, Name, date, other details of the Cricket match, and video link. Administrator only upload details of the Cricket match

video information and Admin can finally store the information in database Cricket match Table.

Add Cricket Tournament:

In Cricket Tournament Module Admin add the new Cricket Tournament details. It Contains Information about Cricket Tournament ID, Name, date, other details of the Cricket Tournament, and location. Administrator only maintain details of the Cricket Tournament information and Admin can finally store the information in database Cricket Tournament Table.

View Cricket Product:

In view Cricket Product module every customer will be view the information of Cricket Product details, without authentication customer unable to view the Cricket Product details. Customers search the Cricket Product details. The Cricket Product details are Contains Information about the Cricket Product ID, Name, price, and other details of the Cricket Product.

Other Module:

In this module Customer can select Cricket Product ID from drop down box. Cricket Product id, Name, price, other details of the Cricket Product will be retrieve from database automatically. Customer give quantity of the Cricket Product then total amount will be calculated automatically. Finally pay the amount via card payment. Order Details are storing the Administrator database. The order details will be display to administrator page. Admin view the order details.

View Order:

In view order details module administrator will be view the information of Cricket Product order details from customer. In order details contain information about Cricket Product ID, Name, price, other details, Quantity, customer ID, Date, Credit card Number. The Cricket Product order details status information is pending.

Delivery:

In delivery module will be access by administrator. Order Details are storing the Administrator database. The order details will be display to administrator page. Admin view the order details. Cricket Product is delivered to customer then delivery entry into the website. These delivery entries send to particular customer.

Other Status:

In Order status module will be access by customer part. Admin view the order details and continuously update the status of the order. The status of the order is updated pending to deliver. These delivery entries send to particular customer. Customer checks his order status using this module.

View Cricket Tournament:

In view Cricket Tournament module every customer will be view the information of Cricket Tournament details, The Cricket Tournament details are Contains Information about the Cricket Tournament ID, Name, date, other details of the Cricket Tournament, and location.

View Cricket Match:

In view Cricket Match module every customer will be view the information of Cricket Match details, The Cricket Match details are Contains Information about the Cricket Match ID, Name, date, other details of the Cricket match, and video link. Customer click the video link it redirect to YouTube website and play Cricket match via online.

Software description:

FRONT END:PHP

PHP is a standard HTML file that is extended with additional features. Like a standard HTML file, PHP contains HTML tag that can be interpreted and displayed by a web browser. Anything we could normally place in an HTML file Java applets, Blinking text, server side scripts .we can place in PHP. However, PHP has three important features that make it unique.

BACK END: MYSQL

MYSQL is a relational database system. If you can believe many diehard MYSQL fans, MYSQL is faster, more reliable, and cheaper -- or, simply put, better -- than any other database system (including commercial systems such as Oracle and DB2). Many MYSQL opponents continue to challenge this viewpoint, going even so far as to assert that MYSQL is not even a relational database system. We can safely say that there is a large bandwidth of opinion. The fact is that there is an ever increasing number of MYSQL users, and the overwhelming majority of them are quite satisfied with MYSQL. Thus for these users we may say that MYSQL is good enough. The MySQL server provides a database management system with querying and connectivity capabilities, as well as the ability to have excellent data structure and integration with many different platforms. It can handle large databases reliably and quickly in high-

demanding production environments. The MySQL server also provides rich function such as its connectivity, speed, and security that make it suitable for accessing databases.

III. TESTING METHODS

It is the process of exercising software with the intent of finding and ultimately correcting errors. This fundamental philosophy does not change for web applications, because web-based system and applications reside on network and inter-operate with many different operating systems, browsers, hardware platforms and communication protocols. Thus, searching for errors is significant challenge for web applications.

Unit testing:

Unit testing is testing changes made in a existing or new program this test is carried out during the programming and each module is found to be working satisfactorily. For example, in the registration form after entering all the fields we click the submit button. When submit button is clicked, all the data in form are validated. Only after validation entries will be added to the database.

Validation testing:

Software validation is achieved through a serious of testes that demonstrate conformity with requirements. Thus, the proposed system under consideration has been tested by validation & found to be working satisfactory.

Output testing:

Asking the user about the format required by them tests the output generated by the system under consideration. It can be done in two ways, One on screen and other on printer format. The output format on the screen is found to be correct as the format designed n system test.

Testing result:

All the tests should be traceable to customer requirements the focus of testing will shift progressively from programs Exhaustive testing is not possible To be more effective testing should be which has probability of finding errors

The following are the attributes of good test

1. A good test has a probability of finding a errors.
2. A good test should be “best of breeds”
3. A good test to neither simple nor too complex

SYSTEM IMPLEMENTATION:

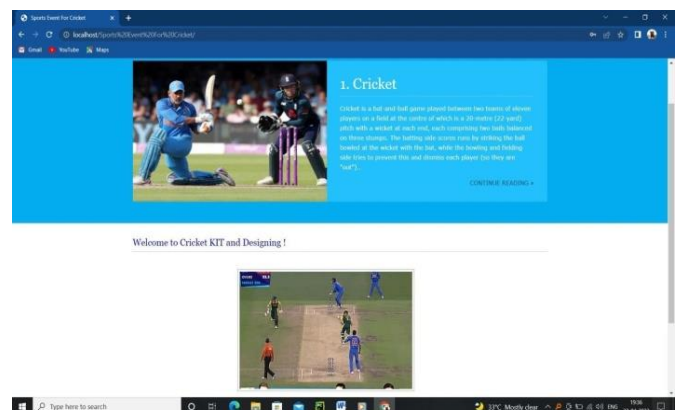
System Implementation is the stage in the project where the theoretical design is turned into a working system. The most crucial stage is achieving a successful new system and giving a user confidence in that the new system will work efficiently and effectively in the implementation stage. The stage consists of

1. Testing a developed program with sample data
2. Detection and correction of error
3. Creating whether the system meets a user requirement
4. Making necessary changes as desired by users.
5. Training user personal

The implementation phase is less creative than system design. A system design may be dropped at any time prior to implementation, although it becomes more difficult when it goes to the design phase. The final report of the implementation phase includes procedural flowcharts, record layouts, and a workable plan for implementing the candidate system design into a operational design. PHP and MY SQL has offer very efficient yet a simple implementation technique for development of the project.

IV. EXPERIMENTAL RESULTS

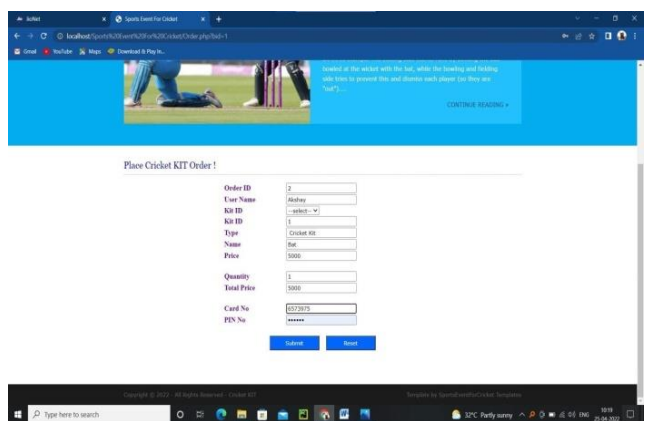
Home Page:



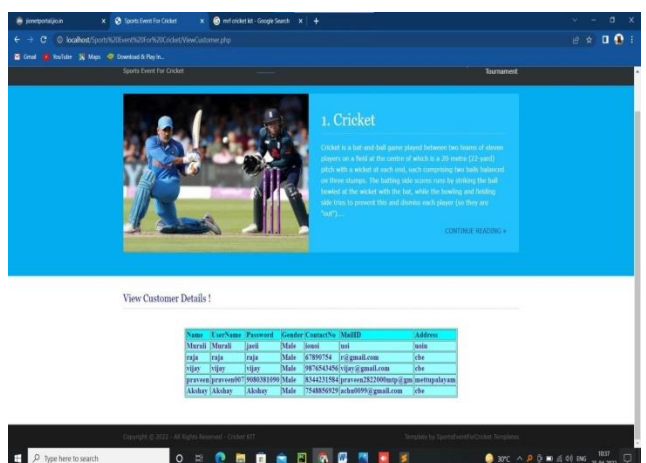
Login Page:



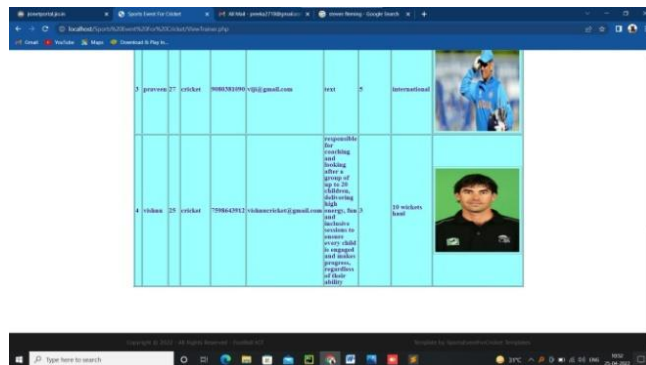
Order Page:



Customer Details:



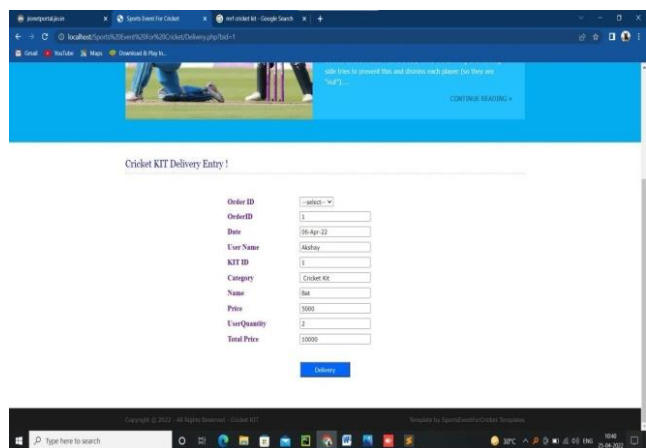
Trainer Update:



Pending Orders:



Delivery:



V. CONCLUSION

The “Cricket Kit and Designing” has been developed to satisfy all proposed requirements. The process is maintained simpler and easier. The system is highly scalable and user friendly. Almost all the system objectives have been met. The system has been tested under all criteria. The system minimizes the problem arising in the existing manual system and it eliminates the human errors to zero level. The design of the database is flexible ensuring that the system can be implemented. It is implemented and gone through all validation. All phases of development were conceived using methodologies. User with little training can get the required report. The software executes successfully by fulfilling the objectives of the project. Further extensions to this system can be made required with minor modifications.

FUTURE ENHANCEMENT

In the system all the records are managed electronically. Administrator doesn't have to keep a manual track of the users. The basic concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store). The Server process the customers and the items are shipped to the address submitted by them. The details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. There are two actors in this Cricket shopping project. First one is administrator, another one is Customer. Administrator has permission to add Cricket things like Cricket ball, Cricket bat, safety guard, etc..., then admin add some important match video link and also Cricket match tournament information are updated in this website. Now it is a website in future they will be create an app.

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