PROBLEM DEFINITION

There are many peoples who are interested in reading books. However, not many of them are regular in reading books because the new books are costly This project is aimed to developing an Online old used book information. This project Book management System explains about how Book Shops works with the computer application when any customers buy books from the store. Book management system is a project which aims in developing a computerized system to maintain all the books. Books can be searched by their Title, Description or Author and also books can be seen in appropriate categories. Each book is added with a unique Identification number and other details including a Shelf Number which helps to locate the book. We can also use Google Books to fetch details of a book from Internet. A cover image and PDF eBook can also be attached with the Book details. The Books can be issued and Submitted in a fast manner. The Library members can be managed more efficiently. We can easily get information like who took a particular book or which are the books taken by a specific Library members

INTRODUTION

In the world of software development there lots of improvement in the area of Architectural design and principles. The philosophies and implementation details are changing as the people guiding the development of the application. In this fantastic and yet sometimes complex world of software development there are some tried and true architecture patterns and software development guidelines employed by most architects. Also your design must have an ability to turn towards innovation instead of lending itself to common practices. Web services are one such area where architects must lean on their creative side and hope that their solutions are still successful. In this report we will explain an exciting voyage down the road of Web services application. From requirements to use cases, to database design, to component frameworks, to user interfaces, we will cover each and every aspect of system design required to build an application with collaborative Web services. The reason why we selected online Bookstore web service is everybody walking down the street has some idea about bookstores. The objective of this project is to develop an ebook store where books can be bought from the comfort of home through the Internet. An online book store is a virtual store on the Internet where customers can browse the catalog and select books of interest. The selected books may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as credit card number. An email notification is sent to the customer as soon as the order is placed.

SYSTEM REQUIREMENT

Below are the tools, languages and software that were used to develop a Book Resale Application System:

HARDWARE REQUIREMENTS

System   : Pentium IV 2.4 GHz.

Hard Disk   : 40 GB.

Floppy Drive   : 1.44 Mb.

Monitor   : 15 VGA Colour.

Mouse : Logitech.

Ram   : 512 Mb.
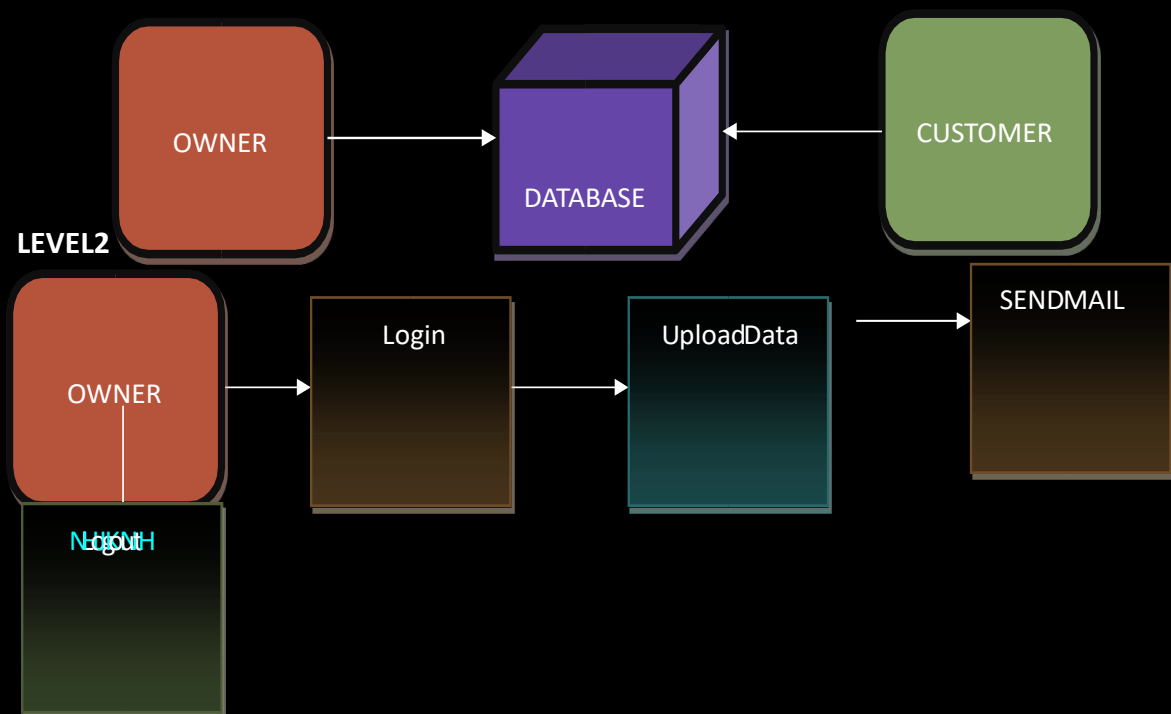
SOFTWARE REQUIREMENTS

Operating system   : Windows XP.

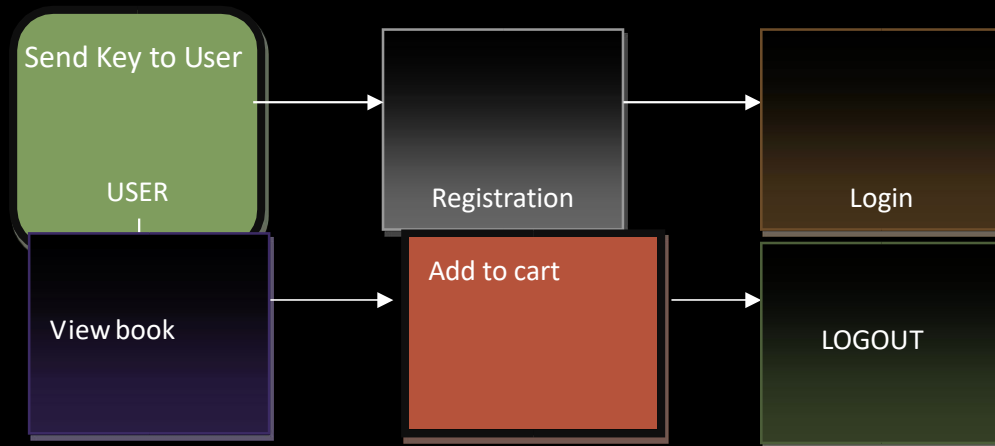Coding Language   : JAVA

Data Base   : MYSQL

IDE   : Net Beans

DATA FLOW DIAGRAM
LEVEL 1:

LEVEL2

Level 3:

Send Key to User

USER

Registration

Login

View book

Add to cart

LOGOUT

Level 4:

viewbook

LOGIN

Viewhistory

Addbook

LOGOUT

Admin

Customer

Login

View categort

Buy

Searchbook

Addcart

Logout

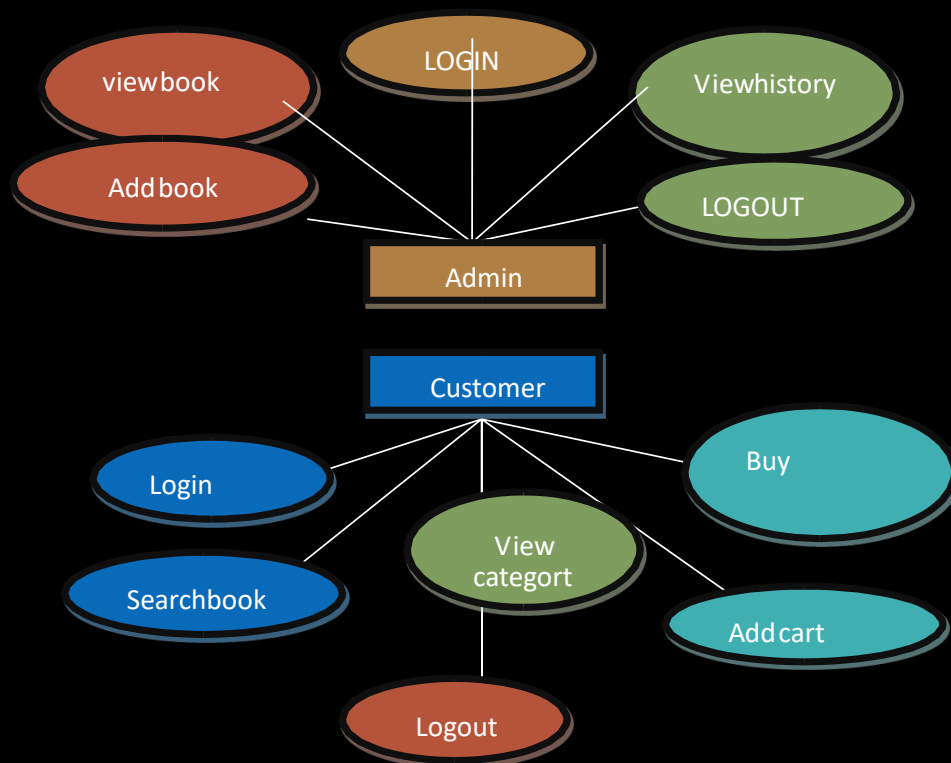## TESTING

System Testing

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionality of components, sub-assemblies, assemblies and/or a finished product It is the process of exercising software with the intent of ensuring that the
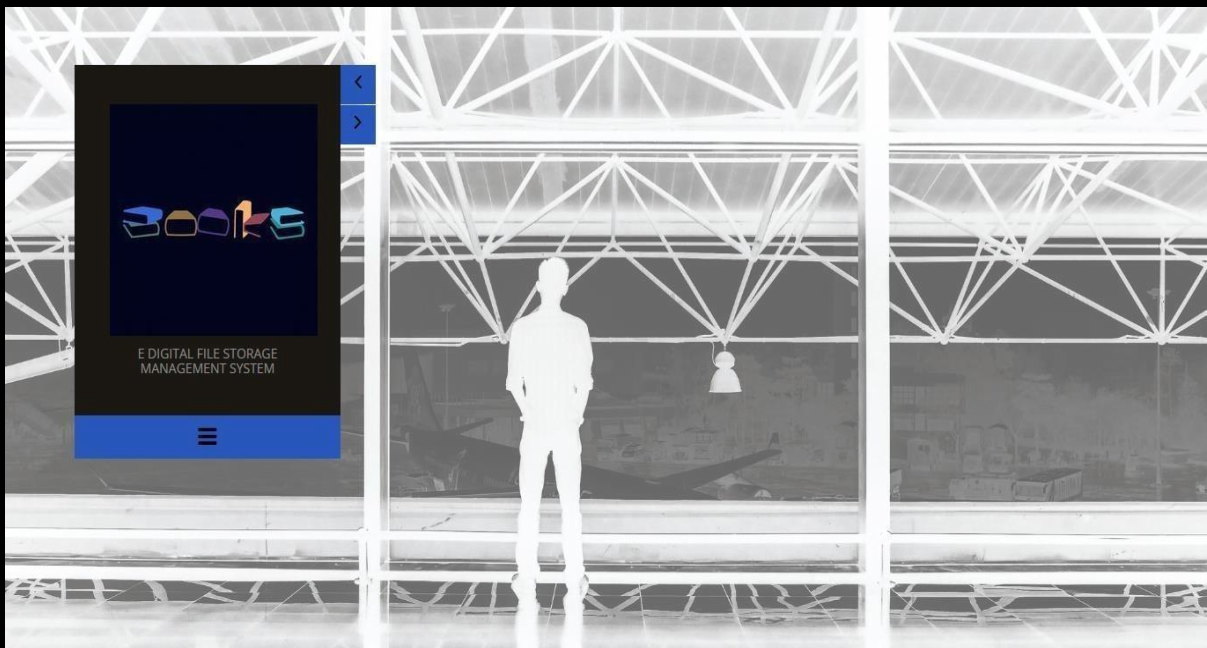
Software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of test. Each test type addresses a specific testing requirement.
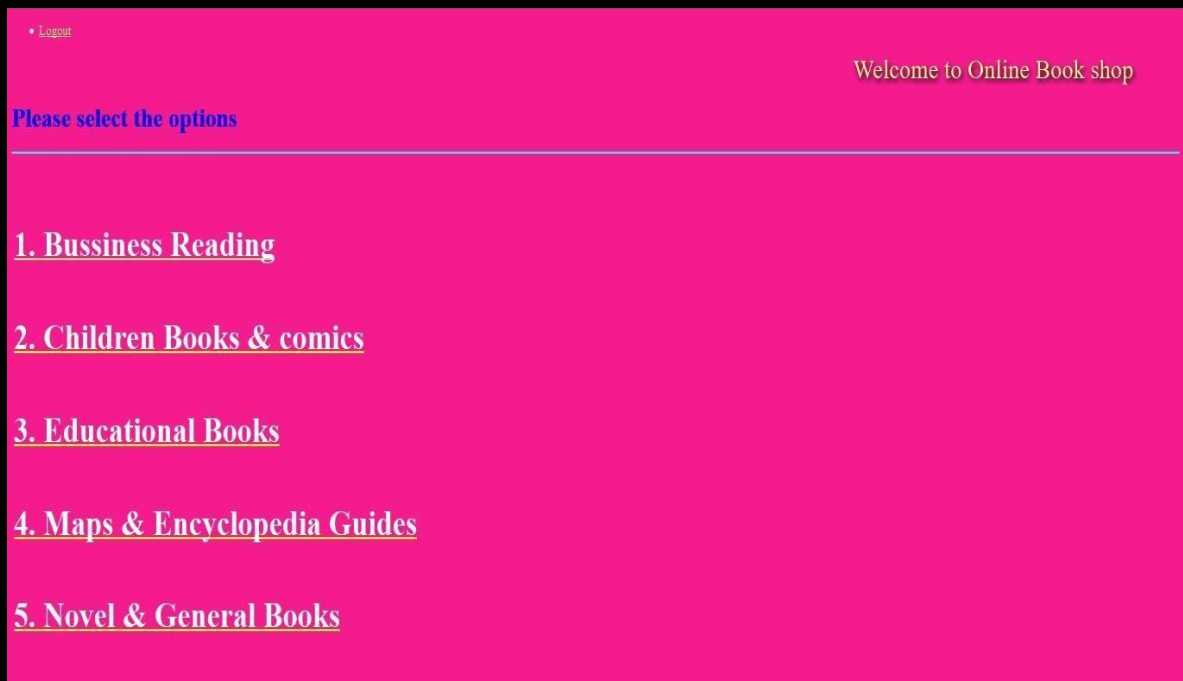
Unit testing

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that program inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software units of the application .it is done after the completion of an individual unit before integration. This is a structural testing, that relies on knowledge of its construction and is invasive. Unit tests perform basic tests at component level and test a specific business process, application, and/or system configuration. Unit tests ensure that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results.

SCREENSHOTS

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Publications=potter

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RESULT

Thus the Book Resale Application System was implemented using the specified front end and back end tools.