**“E-SHOP” (Online Book Store)**

**by**

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**A Report Submitted in partial fulfillment of the requirements of the Certification on Full Stack Web Development**

**Board Infinity**

**College Name: Sri Chandrasekharendhra viswa maha Vidyalaya**

**Submitted to:**

**Nanda Kishore sir,**

**Shashi Shekar sir.**

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# Abstract

# “E-SHOP” (Online Novels Shopping) is the norm these days. There are lot of successful websites such as amazon.com, flipkart.com etc in this space. Purpose of “E-STORE” system is to allow customer to shop virtually using internet. Computerization of online store will increase the ease, efficiency and reduce the chances of manual errors. With the popularity of PCs, and mobiles easy access to Internet and World Wide Web (WWW), Internet is increasingly used by consumers & vendors as a channel for shopping, payment & other operations.

**1.Introduction:**

**1.1 Objective of the project:**

“E-SHOP” is the website which especially concentrates on Different type of Novels. This website is developed to provide the best price for the user those who are interested to by novels and providing easy way to the browse the Novels based on the type novel he/she want to looking for.

**1.2 Description of the project :**

# The system will ease the shopping operations for customer of online store. Consumer will be able to browse and search products under different categories. Selected products or items selected for purchase would be added into the virtual shopping cart. Which can be managed separately by customer. It can be examined at any time by customer for selected products, their quantity & price. These would be main functionalities apart from some usual operations such as login, logout, manage profile etc.

* 1. **Scope of the project :**

This website provides points to the user when the user by the book/books, he/sheuser will get points in their e-account, user will get 2% percentage of points on book price, each point is equal to 1 rupee.

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**1.3.1**

USE CASE MODEL:

Home Screen

User Registration

Register

No

Yes

Login

Account status

s

shop

No

Yes

View Search Items

Yes

User account status

Logout

Add items to cart

Display cart content

Shopping cart

No

Payment into the merchant

Change cart items iterms

Yes No

Approved

Change items Quantities

Yes

Checkout

Order Confirmation

End process

**2.System Description:**

**2.1 Customer/User Profiles:**

Customers intended to use this website is general public. People can open the website in the browsers (Google, Mozilla firefox, etc). People who buy the a latest, trending, old novels based on user interest they can use this website.

* 1. **Functional Requirements:**

This section includes the requirements that specify all the fundamental actions of the software system.

ID:FR1 TITLE: User registration Description: Given that a user need to open the website, then the user should be able to register through the website. The user-name, password and e-mail address has to enter by the. user. The user can choose to provide a regularly used phone number. DEP: NULL

ID: FR2 TITLE: Login and Proceed to Order Description: There will be one portal when the user login into the site. The user can go through search option and user can search based on user require

DEP:FR1

* 1. **Non-Functional Requirements:**

**2.3.1 Performance:**

Performance should not be an issue as very computation is required for changing screens. It will take a few seconds to load the data from the internet as long as the normal speed of internet is required.

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**2.3.2 Safety Requirements:**

“E-STORE” will not affect any other information saved in the browsers. It can not cause any damage to the device it is opened with.

**2.4.3 Security Requirements:**

This website assumes that only the user or whoever he/she allows will have access to his/her account .Should not be allowed to be used by kids as they can use click on any feature such as queries or booking without knowing the use of it which will be present in the website in the future.The information of the users will not be shared with any other third party and will be secured.

**2.4.4 Software Quality Attributes:**

The graphical user interface of “E\_STORE” is to be designed with the usability as the first priority. The website will be presented and organized in a manner that is both appealing and easy for the user to navigate

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**Design**

**3.1 System design**

**3.1.1 DFD’s:**

Level 1-

Level -2

Order

User

**Account made**

**Validation are done**

**Account registered**

Database

**User goes to front page**

**Sign Up**

**Login**

Login

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Level 3-

**Search**

**User**

**Database Design:**

Signup Database:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S NO | NAME | EMAIL ID | PHONE NUMBER | password |
| 1 | Rajini | Chrajani999@gmail.com | 123456789 | \*\*\*\*\*\*\*\* |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

Novel Database:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S NO | NAME | Price | Author | Qunatity |
| 1 | Novel1 | 50 | Author1 | 5 |
| 2 | Novel2 | 60 | Author2 | 2 |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

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Order Database:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S No | NAME | Novel Name | Author\_Name | PRICE | Address |
| 1 | Ranga | Novel1 | Two | 50 | Hyderabad |
| 2 | Rajesh | Novel2 | One | 100 | Vijaaywada |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Card Details Database:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S No | CARD NUMBER | MONTH EXP | YEAR EXP | CVV |
| 1 | 1234567891234 | 10 | 12 | 156 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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