**ELECTROWEB**

(By SEMESTER – X of Fifth Year M.Sc. (2021- 22))

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**I. Acknowledgement**

**­**

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**CH – 1 INTRODUCTION**

* 1. **ORGANIZATION PROFILE**

**Name:** Dash web lab

**Address:** B-101, Ratnakar Nine square, opposite Keshavbaug Party Plot,Vastrapur, Ahmedabad,Gujarat - 380015



**About:** They do many types of animation like motion animation, 2D animation, cartoon animation etc. They also develop websites for other companies or other customers according to their requirements. They also develop mobile applications and also do branding / designing .

**1.2 INTRODUCTION**

**1.2.1 Project Definition**

* Electroweb website is here to make your shopping easier and better.
* Electroweb is providing you to shop electric products with the best discount rate.User can purchase Mobile,Tv,Ac & many more from our website.
* If a user wants to purchase any product from our website they should first signup & login on our website.
* Users can view products without login.
* If a product is delivered damaged then User can return the product within 7 days.

**1.2.2 Importance of system**

* Website, which provides the online shopping facility for everyone.
* Customers can buy Products more comfortably without going to shop.
* To be able to easily save money and compare prices from another website to our website.
* This website fixes the limitations and problems of paper based processes.
* The main purpose of a business site is to promote the company's products.

**1.2.3 Objective of system**

* Security of data. Data is well protected for personal use.
* Ensures data accuracy during the order placement process.
* Minimized manual data entry.
* Greater efficiency since data processing is very fast.
* User friendly and interactive interface with provision for customers to view products and have a visual confirmation that the order was placed correctly.
* Minimized time requirement during the order placement process.
* Greatly simplifies the ordering process for both customer and shopper.

**1.3 SYSTEM DETAILS**

**1.3.1 Existing system**

* In the existing system all transactions, dealings of products, purchasing of products were done manually which is time consuming.
* Reports are prepared manually as and when needed. Maintaining reports is a very tedious task.
* To buy any product user has to collect information about it either by visiting the shop or asking people which is the better one.
* There is no computer system for handling payments. All calculations are performed manually which may not always be accurate. Maintaining the record is really a tedious task.

**1.3.2 PROPOSED SYSTEM**

* The proposed system consists of full online data entry with online validation on the field and referential checking.
* The goal of this system is to bring down the workload with the increased efficiency and to speed up the activities.
* The major activity of online sales and inventory management systems is to provide online communication between the users of the system.
* Availability of the information immediately after data captures.
* Minimize inventory costs and maximize sales and profits.
* Automation of manual tasks.

**1.4 SCOPE OF SYSTEM**

* In today’s world, almost all kinds of businesses have started opening shops online. You can see shoes and clothes being sold online. So, it is only a matter of time before Electronic products are sold online.
* The revenue generated by selling Electric Product online is going to increase in every major country.
* Thus, promoters who can develop a superb online ordering software will be able to reap profits.
* Nowadays, people used to buy Products either directly from the Shop or order over the phone. However, this has changed and people have started ordering online.
* Ordering electronic products online has two sides. The supplier side and the customer side.
* On the supplier side, you have company product outlets. These Company product outlets register on an [**online electronic app**](https://www.agriya.com/blog/2017/08/29/cost-to-develop-online-food-ordering-website/). After registration, they display their goods along with the prices.

**Chapter 2: Proposed System Requirement Gathering**

**2.1 Stakeholder of System**

1. System admin
2. System user
3. System admin:

* A system admin is a person who is handle of the system.
* Admin handle all the security of the system.
* Also, admin handle all the order that customer has apply for their product.
* Admin accept all the order of customers.
* System short out all the product by category vies.
* Admin also handle that customer want to home delivery or pick up from there.

1. System user:

* There are two type of system user .one is regular user and another is a guest user.
* Regular user can order product daily.
* Guest user who is book only once or ire-regular. They visit the site only one time or sometimes they are not a regular customer.
* Customer also book order what they want to order if they order weekly.

**2.2 Consolidated List of Requirement**

* The system will be designed to be user friendly.
* The user friendly and interactive interfaces design helps to achieve this by enabling customers to easily browse through the product place orders with just a few clicks.
* The system will be simple to use.
* Functional requirements define the capabilities and functions that a system must be able to perform successfully.
* The system shall enable the customer to view the products, create an account, login to the system and place an order.
* The system shall prompt customer to conform the order.
* The system shall provide visual confirmation of the order placement
* The system shall enable the manager to view, create, edit and delete product category and descriptions
* The system shall allow confirmation of pending orders
* The system shall allow the manager to update additional information (description, photo, etc.) for a given product
* The system shall allow the manager to update price for a given product.

**Chapter 3: System Management & Planning**

**3.1 HARDWARE – SOFTWARE REQUIREMENTS**

|  |  |
| --- | --- |
| SOFTWARE REQUIREMENTS | |
| PLATFORM | **PHP** |
| FRONT-END | **BOOTSTRAP, HTML, CSS** |
| BACK-END | **PHP** |
| IDE | **VS Code** |
| TOOLS | **XAMPP** |
| OTHER TOOLS | **WORD, POWERPOINT, VISIO** |

|  |  |
| --- | --- |
| HARDWARE REQUIREMENTS | |
| PROCESSOR | **INTEL P4 AND HIGHER AND/OR EQUIVALENT PROCESSOR SYSTEM** |
| HARD-DISK | **40 GB OR ABOVE** |
| RAM | **512 MB AND ABOVE** |

**3.2 System Planning**

**3.2.1 Work Breakdown Structure**

**ELECTRONIC**

**1.Project Initialization**

**1.1**

**Project Charter**

**1.2**

**Project Plan**

**2.Requirement**

**Gathering**

**2.1**

**Project Scope**

**2.2**

**Establish User Need**

**2.3**

**Functions**

**2.4**

**Behavior**

**3.Analysis**

**3.1**

**Analysis Requirement**

**3.2**

**Feasibility study**

**4. Design**

**4.1**

**UML diagram**

**4.2**

**Database Design**

**4.3**

**Module Design**

**4.4**

**Front End Design**

**3.2.2 Gantt Chart**

**Data Dictionary: -**

1. Customer

Table Primary Key: Customer\_id

Description: Store the information of the customer

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Customer\_id | Int (7) | Primary key | Cust\_id |
| Name | Varchar (255) | Not null | Name of customer |
| Address | Varchar (255) | Not null | Address |
| Phone\_no | Int (10) | Not null | Phone number |
| Email | Varchar (255) | Not null | Email id |
| Password | Varchar (255) | Not null | Password |
| Pincode | Int (6) | Not null | Pin code |
| Gender | Boolean | Not null | Male/female |

2) Admin Table: -

Table Primary Key: Admin\_id

Description: Store the information of the customer

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Admin\_id | Int (7) | Primary key | Admin\_id |
| Name | Varchar (255) | Not null | Name of Admin |
| Phone\_no | Varchar (10) | Not null | Phone number |
| Email | Varchar (255) | Not null | Email id |
| Password | Varchar (255) | Not null | Password |
| Gender | Boolean | Not null | Male/female |

3) Category: -

Table Primary Key: Category\_ id

Description: Store the information about the Category

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Category\_ id | Int (7) | Primary key | Category id |
| Name | Varchar (255) | Not null | Name of category |
| Description | Varchar (255) | Not null | Category Description |

4) Sub Category: -

Table Primary Key: Sub\_category\_id

Description: Store the information about the sub category

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Sub\_category\_ id | Int (7) | Primary key | Sub Category id |
| Name | Varchar (255) | Not null | Name of category |
| Description | Varchar (255) | Not null | Category Description |
| Category\_id | Int(7) | Foreign key | Category id |

5) Product: -

Table Primary Key: Product\_id

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Product\_id | Int (7) | Primary key | Product Id |
| Name | Varchar(255) | Not null | Name of product |
| Image | Varchar(255) | Not null | Image of product |
| Price | Int(7) | Not null | Price of product |
| Sub\_category\_ id | Int(7) | Foreign key | Subcategory id |
| Description | Varchar(255) | Not null | Description of Product |

Description: Store the information about the products

6) Order: -

Table Primary Key: Order\_id

Description: Store the information about the Order

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Order\_ id | Int (7) | Primary key | Order Id |
| Customer\_ id | Int (7) | Foreign key | Customer Id |
| Quantity | Integer (7) | Not null | Quantity of Product |
| Product\_ id | Int (7) | Foreign key | Product Id |
| Amount | Integer (7) | Not null | Amount of Products |

7) Feedback: -

Table Primary Key: Feedback\_id

Description: Feedback given by the customer that are store in this table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Feedback\_id | Int (7) | Primary key | Feedback Id |
| Customer\_id | Int (7) | Foreign key | Customer id |
| Message | varchar(20) | Varchar | Message for product |
| Product\_id | Int(10) | Foreign key | Product id |

8) Payment: -

Table Primary Key: Payment\_id

Description: Store the information about the Payment

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Payment\_id | Integer (7) | Primary Key | Payment id |
| Order\_id | Integer (7) | Foreign key | Order id |
| Customer\_id | Integer (7) | Foreign key | Customer id |

9) Contact: -

Table Primary Key: - Conatct\_id

Description: -Store the information about customer question or query about us

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraint** | **Description** |
| Contact\_id | Int (7) | Primary key | Contact Id |
| Customer\_name | Varchar (255) | Not null | Customer name |
| Email | Varchar (255) | Not null | Customer email |
| Subject | Varchar (255) | Not null | Subject of contact |
| Message | varchar(20) | Varchar | Message for product |