

VERDENT

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ABSTRACT: The main objective of VERDENT web-based application is to create, discuss, buy, gift manage maintenance of plants etc. we provide outside the plants and shrub products, to include perennials, rose bushes and other plants, as well as flower bulbs, seeds and a complete garden center. We plan to continue to expand products to meet the needs of our customers. Nursery serves a limited geographic area. Selections of high quality live plants and related products, complete with extensive plant information, while maintaining an exceptional level of customer service. We provide all types of plants from local nursery. We would like to implement following services in the web application. Our project contains services like Register/Enroll , Events/(Act) , Blog, Buy , Sell Being part of the Forum, Gardening services. We represent quality, credibility, relevancy and appeal. We are planning to implement our project as rest services. So that they can be used anywhere. The technology that we are using in developing Front end using Bootstrap , css and backend using php.

INTRODUCTION: As per a survey conducted we found that there are several e-commerce sites for plant by the VERDANT is a e-commerce site in which we would only sell plants Our garden team visits plant breeders, universities, public gardens and trade shows to find plants that perform well and will make your garden look its best. We also maintain test gardens where we trial many new varieties.

To bring you the newest and best choice of plants primarily Our website enables us to show many more offerings—and immediately update you about new plants. The plants are considered to the important species in the world which provide food to nearly all terrestrial organisms, including humans. It is not just a e-commerce site we would also organize the social events and inform the volunteers who registered in our site about the upcoming events held in the city. In our site the users not only buy plants but also gift the plants. The users buy the plants by online payment gateways and cash on delivery. We would sell all types of the plants in our site even the rare plants which are usually not available in the market.

Types of E-Commerce

- (i) B2B E-Commerce: Companies doing business with each other such as manufacturers selling to distributors and wholesalers selling to retailers. Pricing is based on quantity of order and is often negotiable.
- (ii) B2C E-Commerce: Businesses selling to the general public typically through catalogs utilizing shopping cart software. By dollar volume, B2B takes the prize, however B2C is really what the average Joe has in mind with regards to e-commerce as a whole.
- (iii) C2C E-Commerce: There are many sites offering free classifieds, auctions, and forums where individuals can buy and sell thanks to online payment systems like PayPal where people can send and receive money online with ease. eBay's auction service is a great example of where customer-to customer transactions take place every day.
- (iv) Others: G2G (Government-to-Government), G2E (Government-to-Employee), G2B (Government-to-Business), B2G (Business-to-Government).

I.LITERATURE SURVEY: From our survey we found that we have an additional option called “GIFTING A PLANT” for any occasion which is not available in many plant related website. We also have modules like social and voluntary where people can voluntarily donate their unused plants. We have blog where everyone can post their experiences or about any events related to plants. Notifications are sent to the users whenever certain event occurs in their zone. In

those events there are several activities carried out. We also have gardeners who are specialists, they can suggest you with tips that help plants to grow without getting infected. Most of the sites charge high cost for plant species where in our website provides plant species for reasonable price and deliver the plants within 2 days.

The Existed plants e-commerce site which just sell plants in the site.They don't provide the information regarding how to plant and what type of soil is suitable for the plants.They don't organise the social events about the Awareness of the plants and it's importance. They don't sent a notifications to the volunteers about the upcoming social events.We cannot gift the plants to the other people in these websites .Shopping sites like flipkart and amazon only provide very few types of the plants to their customers

In our proposed system we have added a separate module to gift a tree to others .In Social module we organise events where we tell people about the importance of the plants and also provide the knowledge about different types of plants species.We completely dedicate our site for the plants.We sell different types of the plants that are available in the market locally and nationally.We connect different types of the plants seller to our customers.The user can pay through cash on delivery and online payment gateways

II.METHOD AND ANALYSIS

The web application provides the user to buy a plant from the different Sellers and also live updates of the shipping information. The customers can gift the plant to their friends and family based on the respective event. In the Admin module we can operate complete site. Where we can add different types of plants. We would be also getting information of no of sales done today. The amount of the revenue regenerated. How many users have registered in our site. How many users are online.

The application provides fast and hassle-free way of purchasing the plants. The web application flow can be described as follows:

[1] The user visits the website and creates an account and then logins through his account. [2] The user from his account searches and chooses a required plant and would add to cart. [3] The plant selected by the user would be reflected in the add to cart in which it contains the details of the plants like it's image, no of plants, price.[4] The user would proceed to checkout page where he should enter the shipping

address.[5] The user would selecting the type of the payment like online payment or cash on delivery.[6] The user should pay the amount based on his selection like payment gateways.[7] The user would be redirected to the orders page in this the user can see the conformation order with it's order number and expected delivery time.[8] The information about the shipping would be notified to the user and the users can collect their respective plant.

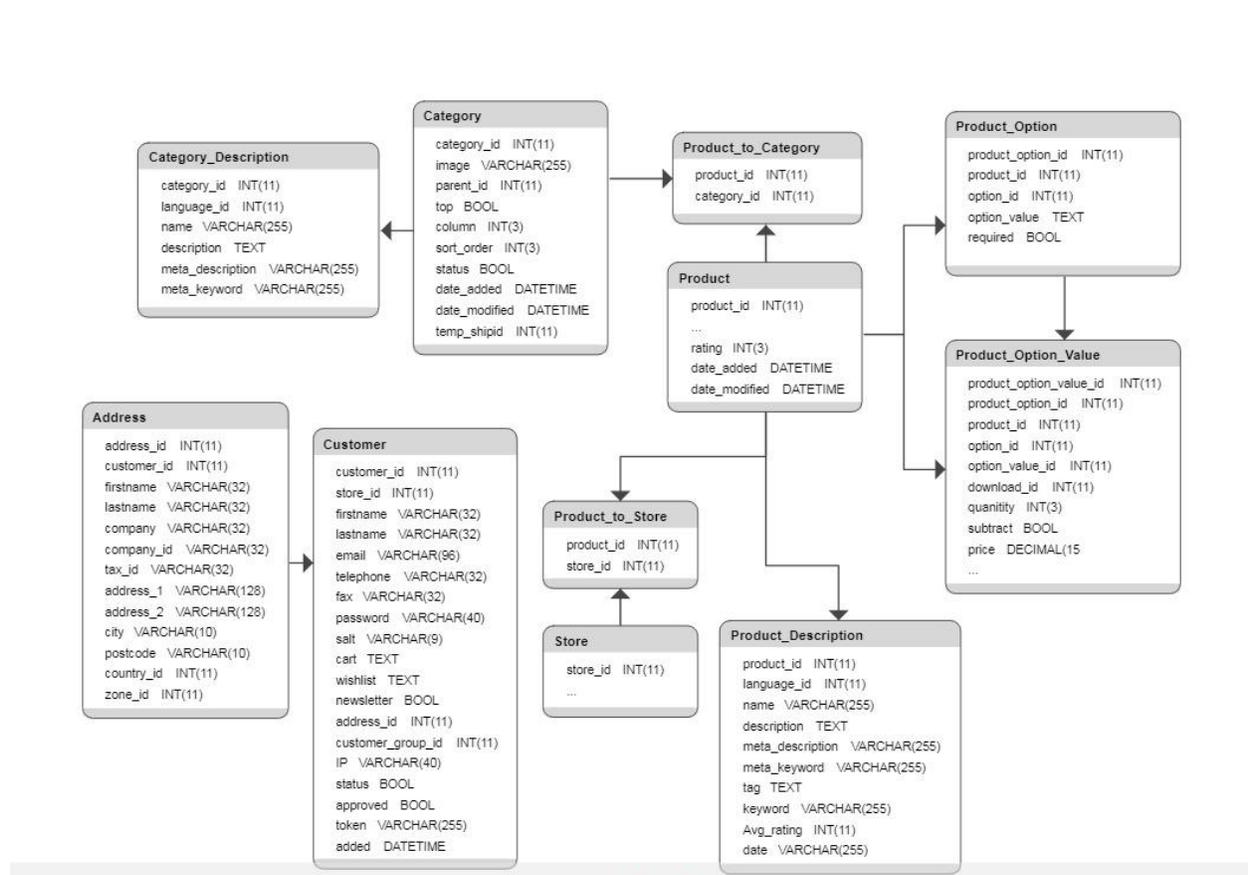


Fig 2.1

The database provides the information in which tables the data is stored. The flow of the data which is stored.



Fig 2.2

It displays the flow of the user. How would he use the application from home page to the delivery.

III.REQUIREMENT SPECIFICATION :

The system analysis is done keeping in mind the following key requirements:

- The user should be able to access the application from anywhere.
- Provide a simple and user-friendly interface on the client side.
- The system shall enable to provide the required information for the user .
- The system shall provide booking, manage his current and past orders, view live stream of service.
- The system shall allow user security and transparency.

CONCLUSION: After careful observation, it has come to conclusion that e-commerce has undeniably become an important part of our society. The World Wide Web is and will have a large part in our daily lives. It is therefore critical that small businesses have their own to keep in competition with the larger websites. We conduct most of our business online, as do many of our customers. This enables us to

carry a wider selection of plants, shrubs and trees—and to let our customers know immediately when we have new offerings. We still mail smaller catalogs and special offers. After all, there's nothing like receiving full color printed materials featuring our plants.

A little piece of nature is what everyone wants, we understand that! At our portal we strive to make that private garden dream a reality. We live in times and cities with little outdoor greens, what better than to decorate your home with some? Indoors or outdoors, plants can bring in life to any space. With the plethora of options and variety ranging in scale, color, cost and sizes available there's one for any place be it your home or office. Then the benefits of plant life are indisputable! But buying plants can be

a hassle. Well, not anymore, a visit to your local nursery isn't required at all! Verdant is your online nursery, now, your plants are a click away. With so many offerings and many new varieties added every week. Plants can become a great gift option too. And we make ordering these beautiful gift items for you absolutely easy. Pick from the wide collection of terrariums, succulents, ferns, addendums, orchids or even cacti. You can Order these little greens for your loved ones online with us and Verdant team will do the needful. Plants and seeds delivery available to all areas. Now send any plants online to cities like Delhi ,Kolkata,Hyderabad,Chennai,Mumbai, Bangalore, Ahmedabad, or any other destination with few mouse clicks.

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