ONLINE RESIDENTIAL GARDENING

By : Abitha.A

ABSTRACT

- A web-based application developed for helping visitors to get information about indoor gardening.

- The background information is related to residential gardening.

- It helps the visitors to get ideas for making use of an even smaller area in their living place by providing information about the plants that are suitable for the indoor environment.

- The resident gardening consists of a sub-division of herbal and non-herbal plants with its brief description.

- Detailed notes of plants about common names, botany, location, habitat, uses, cultivation aspect of seedlings and plants may also be communicated to the visitors through indoor plant section.

- With the help of multimedia support, presents the page with more information about the maintenance of indoor gardening.

- The visitors have features to create an account for purchase, hire and to watch the videos about gardening.

- The system has the provision of orders entered by the clients along with their contact details and address.

- It is designed as an online nursery store to exhibit learning, ordering, and hiring.

- Giving information about indoor gardening by useful video lecture, audio and images.

- It provides high quality plants for short or long term hire.

- The visitors will be able to buy the plants, plant pots and gardening tools and also visitors can give their comments and other valuable ideas.

EXISTING SYSTEM

- The online shopping consists of information about the product name, amount, rating, company name and its description.

- If the visitors needs to know about the product, they have to read the provide content.

- The visitors have to keep their attention in order to decode words, maintain reading fluency, and understand what they read.

- It does not give much more attractive site to the viewers.

- Most of visitors needs practical visualization to represent an easy way of understanding the content.

DRAWBACK OF EXISTING SYSTEM

- Sometimes, occur difficulty to read and understand the product description.

- Time consuming.

- It occurs hard to follow on the screen while start to read .

PROPOSED SYSTEM

- The gardening information helpful for visitors to get information about the plants on how to maintain the indoor plants along with availability of plants to purchase and hire.

- Animation features are applied to giving an attractive look to the web pages and highly responsive while using any browser.

- Most customers prefer to see the visual representation.

- Visitors are engaged with videos than with static text, so creating more interactive and visual content is essential.

- Visitors when desired to buy a product, can gather the product's information by video for easy understanding.

ADVANTAGE OF PROPOSED SYSTEM

- Visitors can create an account to hire plants and also able to purchase their desired product and learn gardening system with useful videos.

- Video is the most popular multimedia addition, it add audio and interactive content to attract and hold the attention of the viewers.

- Images, video and other multimedia content break up the text of a web page to make it more interesting for the viewers.

- To deliver the information, video plays an important role.

- It is benefit and also will entertain to the viewers.

- This is a way to attract the viewers.

SYSTEM SPECIFICATION

HARDWARE SPECIFICATION

Processor Type	-	i3 processor
Processor Speed	-	1.70GHZ
RAM	-	4 GB
Hard Disk Space	-	500 GB
Keyboard	-	Standard 104 Keys
Mouse	-	USB Optical Mouse
Display Type	-	14' color monitor

SOFTWARE SPECIFICATION

Front End	-	HTML, CSS , Visual studio code editor,
Back End	-	MongoDB
Operating System	-	Windows 10

LIST OF MODULES

- Login
- Gardening
- Indoor Plants
- Shop
- For Hire
- Feedback
- Gallery

MODULE DESCRIPTION

LOGIN

- Login page allows the visitor to create an account in the website.

- Logins are mainly designed for users and to realize a higher conversion rates of registrations.

- The users who have an account can sign in directly.

- The login page allows a user to gain access to an application by entering their username and password.

- In practice, modern secure systems also often require a second factor for extra security.

GARDENING

- A brief description of gardening is given on this page.

- It tells about the importance of indoor gardening.

- It consists of two hyperlinks which tells about the ideas for planning and designing the indoor garden.

- It also describes about the maintenance tips for indoor gardening.

INDOOR PLANTS

- It describes about the indoor suitable plants and essential information.

- This page consists of two hyperlinks which tells about the best herbal and non-herbal plants that can be grown in indoor environments.

- The viewers can see the visual of plants and know about its characteristics.

SHOP

- Shopping is a form of electronic commerce, which allows visitors to directly buy goods from a seller over the internet using a web browser.

- This page allows the registered members to buy the plants, containers and tools.

- They can select a particular plant and click buy to confirm it. It must be delivered to the provided address.

FOR HIRE

- Hire Plants have a plant for every occasion or situation.

- Providing high quality plants for short or long term hire.

- The admin knows that the design and coordination of supporting services can be critical to the efficient program delivery, and by appointing select to work with customer's needs at the earliest stages.

- The provider helps to conceive, design, deliver and operate every aspect of your planned infrastructure.

- Plant hire, for various events including photo shoots, conferences, school functions, parties, Anzac ceremonies, jubilees, race days, trade shows, career expos, and anything else require.

FEEDBACK

- Feedback is the final component and one of the important factors in the process of communication.

- It is defined as the response given by the receiver to the sender.

- The sender needs response of the receiver in order to decide effectiveness of the communication.

- The visitors can able to point out what aspects of product or service should be improved.

- This page is created for the users to share their ideas and comments.

GALLERY

- A modern and responsive photo gallery can become a key milestone to making an effective business website.

- An attractive gallery is one of the strongest assets in building an online business.

- It turns website into a dynamic platform that can attract visitors, retain them and convert customers.

- Most customers prefer to see the visual representation. It shows that reliable business and are able to guarantee the quality of work.

- This is the first step in gaining trust and loyalty of potential customers.

- Visitors are much more appropriate to engage with videos than with static text, so creating more interactive and visual content is essential.

- People browsing the Internet have a short attention span and videos allow visitors to consume more content and faster.

- The gallery module helps to view images and also to watch videos and audios about indoor gardening.
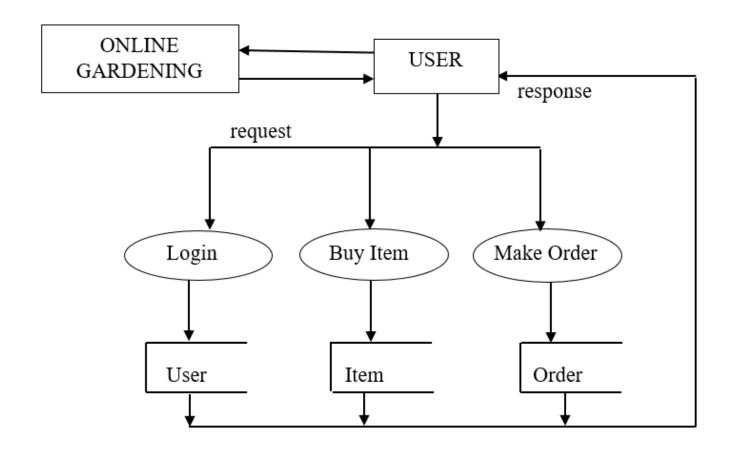
SYSTEM FLOW DIAGRAM
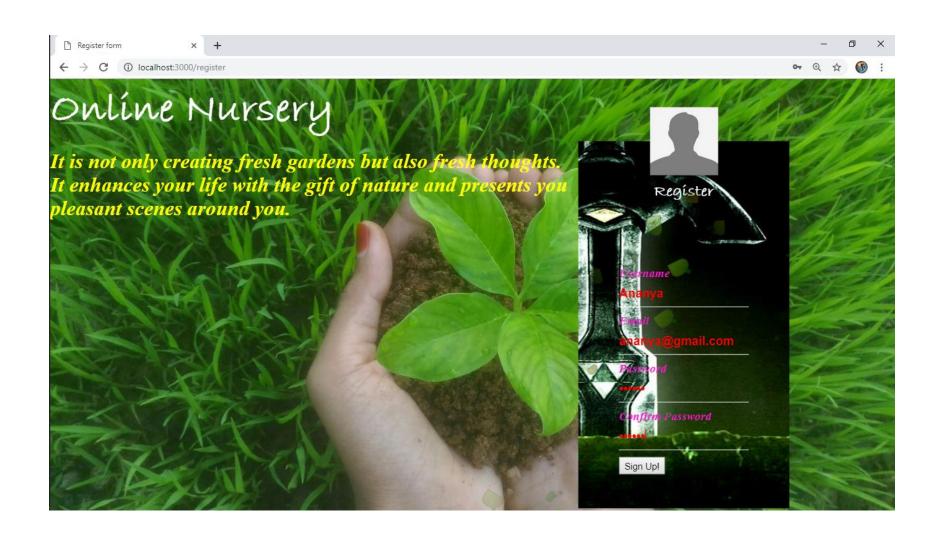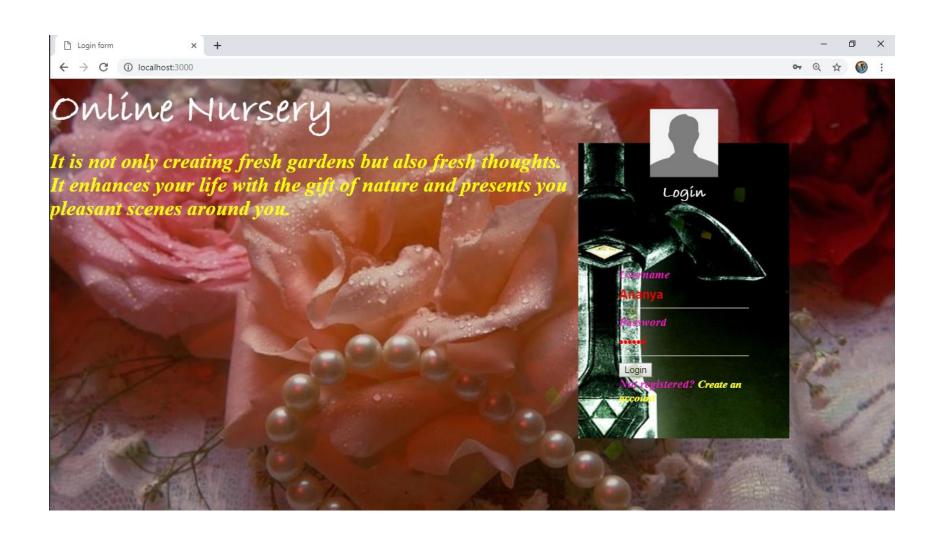
DATA FLOW DIAGRAM

Level 0

Level 1

CONCLUSION

- Gardening project has been developed to provide all the information related to the indoor gardening.

- The steps for setting up indoor garden, maintenance tips are given.

- The best plants of herbal and non-herbal variety that can be grown in residents are given.

- Moreover, it has an advantage of purchase online which helps the user by providing the highly valuable plants for their garden and easy way to understand about the design and maintenance of indoor gardening by watching video lecture.

- The users having possibilities to hire the plants for events and also allowed to comment on their words and product's reliability, which proves fruitful in making required modifications.
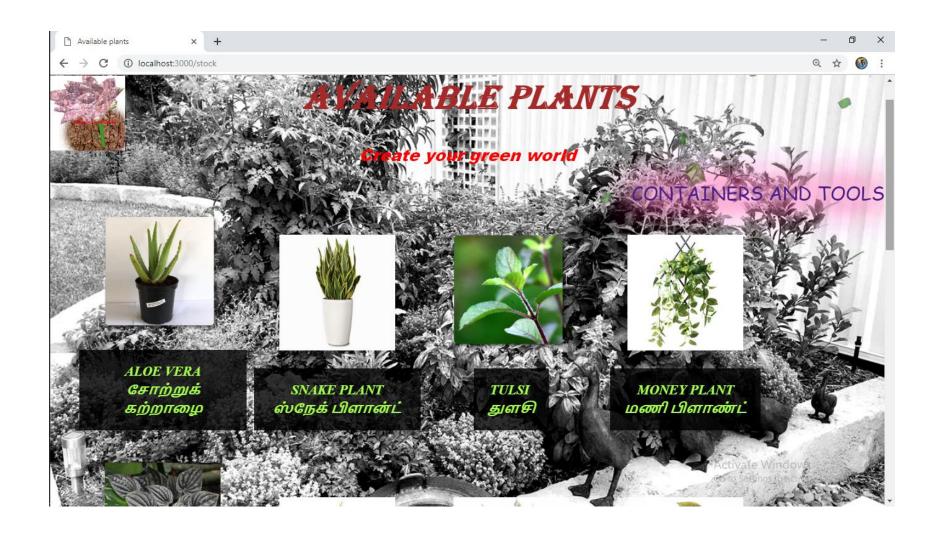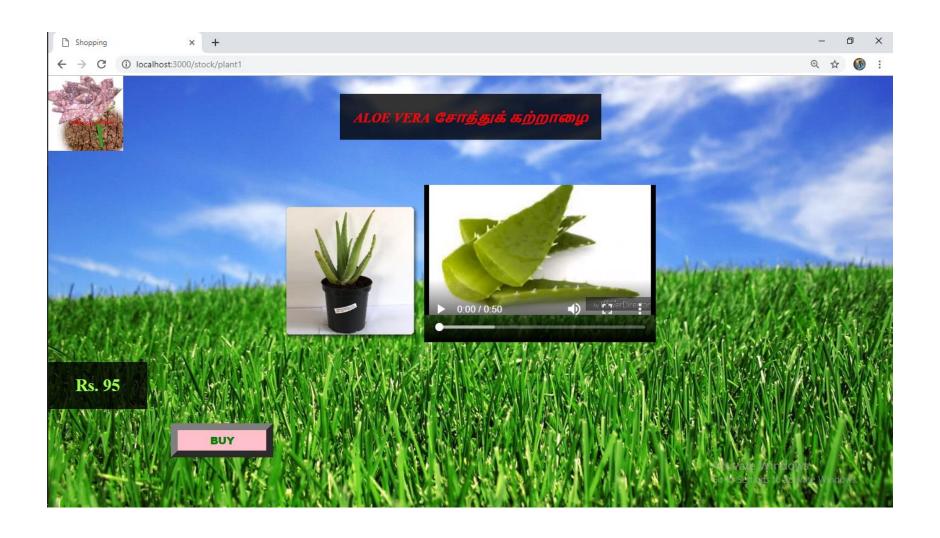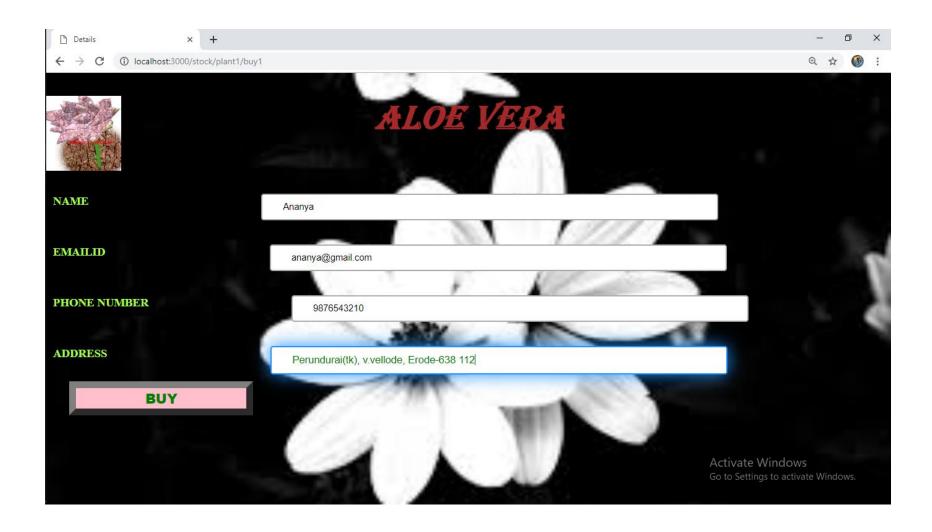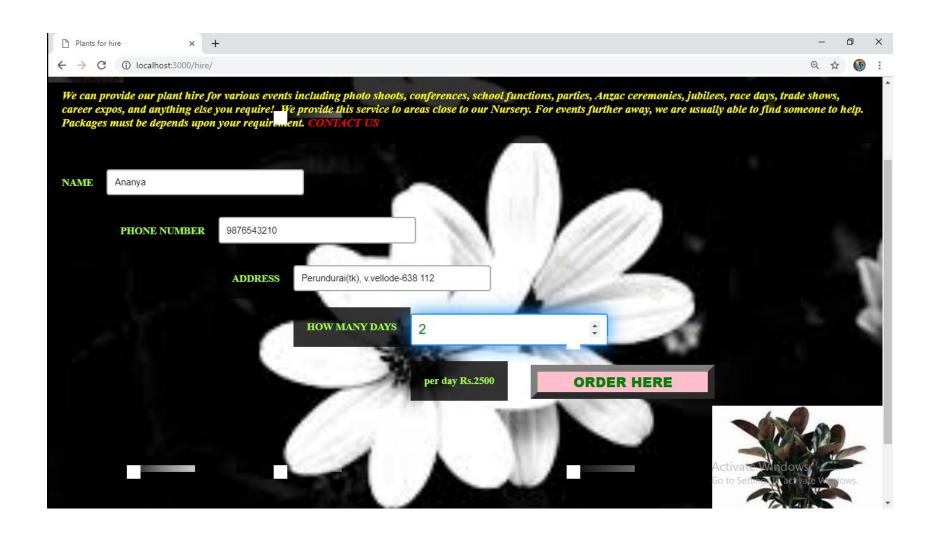
REGISTER PAGE

LOGIN PAGE

AVAILABLE PLANTS

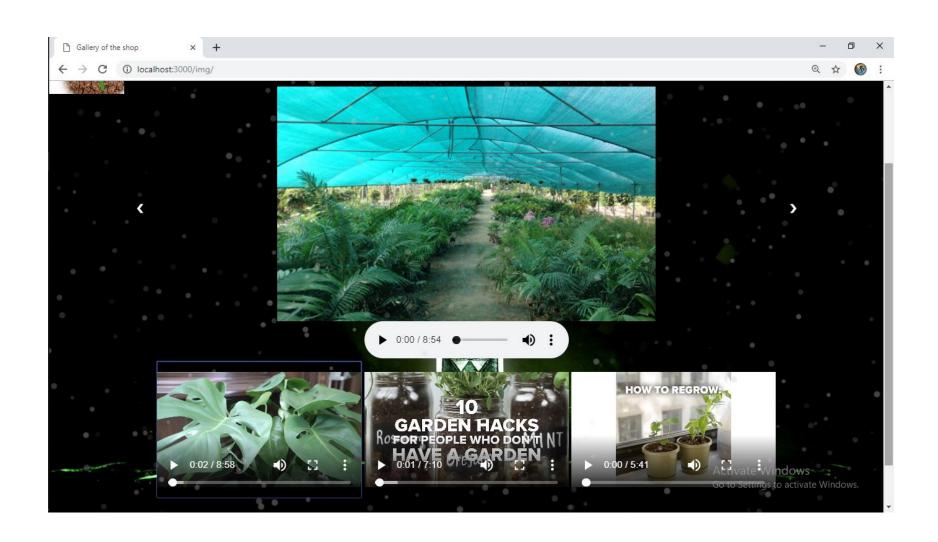# PLANT DETAILS

BUY PAGE

HIRE PAGE

FEEDBACK PAGE

GALLERY

REFERENCES

1. Seema Acharya and Subhashini Chellappan, "Big Data and Analytics", Published by Wiley India Pvt. Ltd, New Delhi, India.

2. Banerjee, A.K. 1987. Nursery manual for species commonly used in social forestry in India, Rep: National Wasteland Development Board/00I /007/1987, Kapoor press, New Delhi, p 64.

3. Bhimraj Bhujbal (ed.). 2012. Resource book on horticulture nursery management, YCMOU, NAIP, ICAR, p 264.

WEBSITES

- https://www.w3schools.com

- https://www.codepen.com

- https://en.wikipedia.org/wiki

- https://github.com

- https://rclayton.silvrback.com/scheduling-execution-in-node-js

THANK YOU