

ePROJECT Documentation

FANoFAN



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INTRODUCTION

It is well recognized that ecommerce companies (EC) are significant to worldwide economic development. Recent analysis have shown that EC are the backbone of the economy. EC have contributed significantly to higher employment growth, promotion of exports and fostering entrepreneurship.

This paper is organized as the following: Introduction, Elicitation Techniques, Requirements Achieved, Web Interface Prototype of different devices, Test Plan, Resources, Frontend Development Analysis, Test Plan Tested, Heuristics Evaluation.

MEMBERS:

This project was designed with the combined effort of;

ADESHOLA MUIZ AGUNBIADE
BOLUWATIFE DANIEL ADEYEMI
AZEBE TIMOTHY
CHINEDU-EZE OLISAEMEKA DAVIES
ALADE JOSEPH OLAJIDE

ACKNOWLEDGMENT

We would like to convey our heartfelt gratitude to Mrs. Chinyere Aptech Maryland school dean and Mr Dare our great tutor for their tremendous support, excellent guidance and encouragement in the completion of our project. we would also like to thank the staff and management of Aptech Computer Education, for the knowledge they impart in us and for providing us with this wonderful opportunity to work on a project with the topic FAN O FAN. The completion of the project would not have been possible without their help and insights.

Developers.

PROJECT SYNOPSIS

PROBLEM DEFINITION:

FANoFAN Company is into manufacturing and selling of Fans. They manufacture fans for various needs of customers. From Ceiling Fans to Table Fans to Exhaust Fans, they are into all types of Fan Manufacturing.

They are looking to come up with their own website and display all the products available with them. They want to provide a detailed information about all their products.

The website is to be developed for the Windows Platform using HTML5, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

RESOURCES USED

Coding:

HTML: The hypertext markup language is the skeleton of any website that is to be created. It is used structurally to devise a road to develop a site so that later designers can use it to develop a better layout of the website.

CSS: Short for Cascading Style Sheet which is a formatting language used to standardize and improve the quality of a website.

Frameworks:

JavaScript: A language that can be used in both front and backend implementations. The main goal is to provide more functionalities and make the website much more dynamic.

Bootstrap: Framework for styling and creating of html layout.

IDE:

Visual Studio Code: An IDE (Integrated Development Environment) for writing and implementation of programming languages.

Sublime Text: Also an IDE for code implementation used by other members of the team.

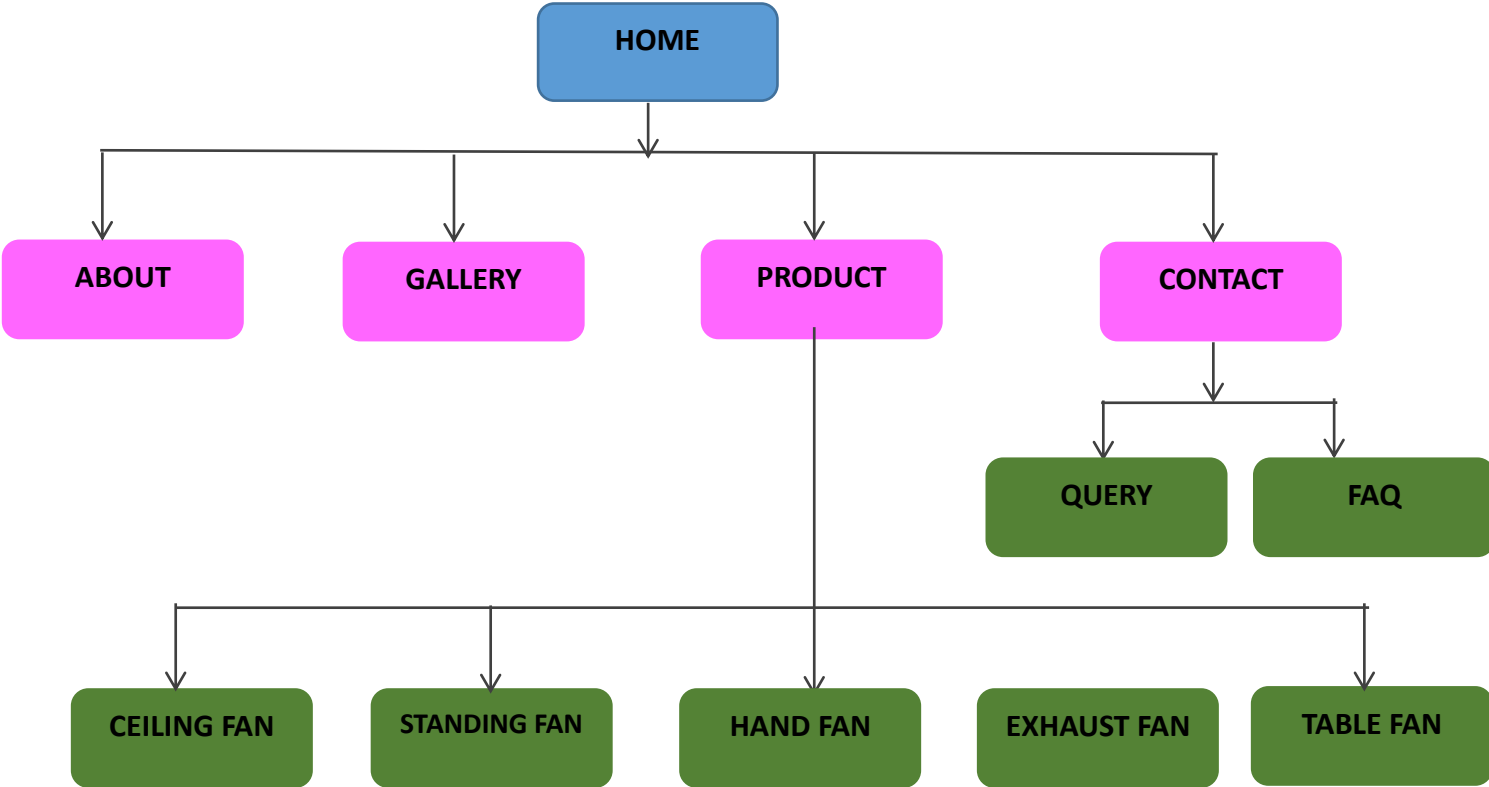
OTHERS:

Icons: Font-awesome.

REQUIREMENTS

- The Home Page should be created making use of Sections with a suitable logo, the header section can be added which will show images Fans.
- The site must contain the links to navigate through any category for the information.
- Links of bottles can be categorized like (Ceiling Fans, Table Fans, Exhaust etc.)
- Specification and Pricing of Fans can be added along with the images.
- Gallery section can be added for viewing different images.
- Feedback must be allowed to enter by the viewer
- Site map, Gallery, about us, Queries link, Contact us link must be added. Address of the Company should be displayed using GeoLocation API (eg. GoogleMaps).
- The complete description must be allowed to get download as pdf or doc file.
- The advertise section with various facilities provided should be mentioned.

FLOWCHART



CREATE VALIDATION PLAN

- Are all the users able to view the images and links
- Are the GUI(Graphics User Interface.) contents devoid of spelling mistakes?
- Is the application user-friendly?
- Is the Web site launching correctly in the browser?
- Is RWD(Responsive Web Design) implemented?

ePROJECT ANALYSIS

HARDWARE REQUIREMENTS

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

COMPATIBLE BROWSERS

- Chrome
- Internet Explorer
- Firefox
- Opera Mini

SOFTWARE REQUIREMENTS

- Notepad/HTML editor
- DreamweaverIE 5.0/ Netscape 6.0

*“We conducted a questionnaire of **five basic questions** to several eCommerce website users/staff ; their response was used as important info to building this project.”*

QUESTIONNAIRE

1.) For how many years have you been using eCommerce?

- (i) Less than one year
- (ii) One year but less than five years
- (iii) More than five years
- (iv) Do not know/ cannot say

2.) For what purpose do you use eCommerce?

- (i) For personal use
- (ii) For business use
- (iii) For both personal and business use

3.) From the various types of eCommerce, what according to you has the largest market share?

- (i) B2B (Business to Business) Commerce
- (ii) B2C (Business to Consumer) Commerce
- (iii) B2G (Business to Government) Commerce

4.) According to you how is eCommerce helpful to the consumer in the e-business domain?

- (i) Broadens consumer choice
- (ii) Encourages price transparency
- (iii) Fastens business process
- (iv) Do not know

5.) According to you how is eCommerce helpful to the consumer in the e-business domain?

- (i) Effectively caters to customer demands
- (ii) Smoothens business by creating customer and businessman network
- (iii) Ensures guarantee of payment
- (iv) Do not know/ cannot say

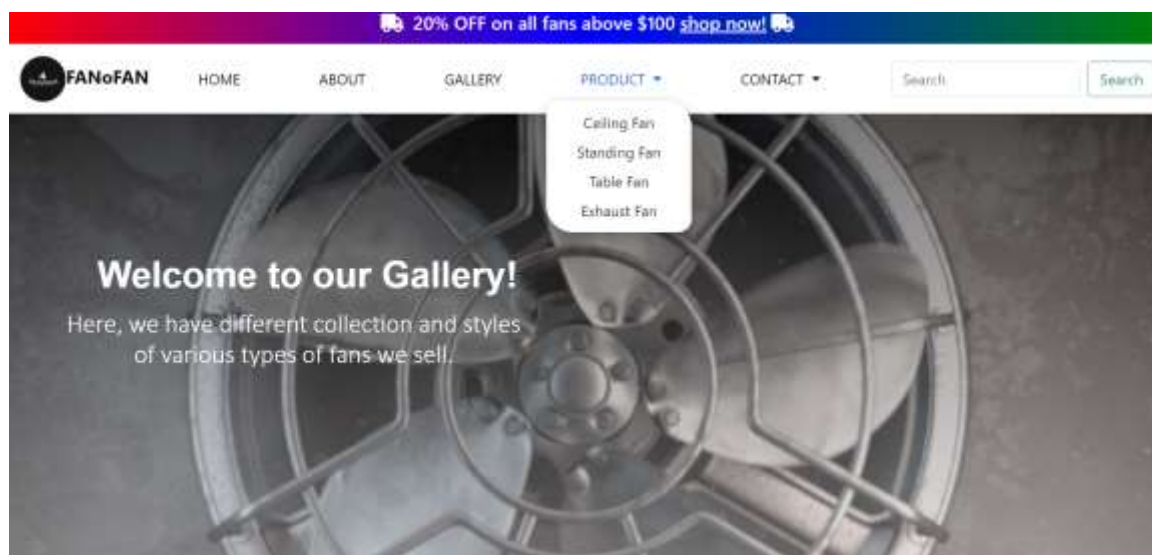
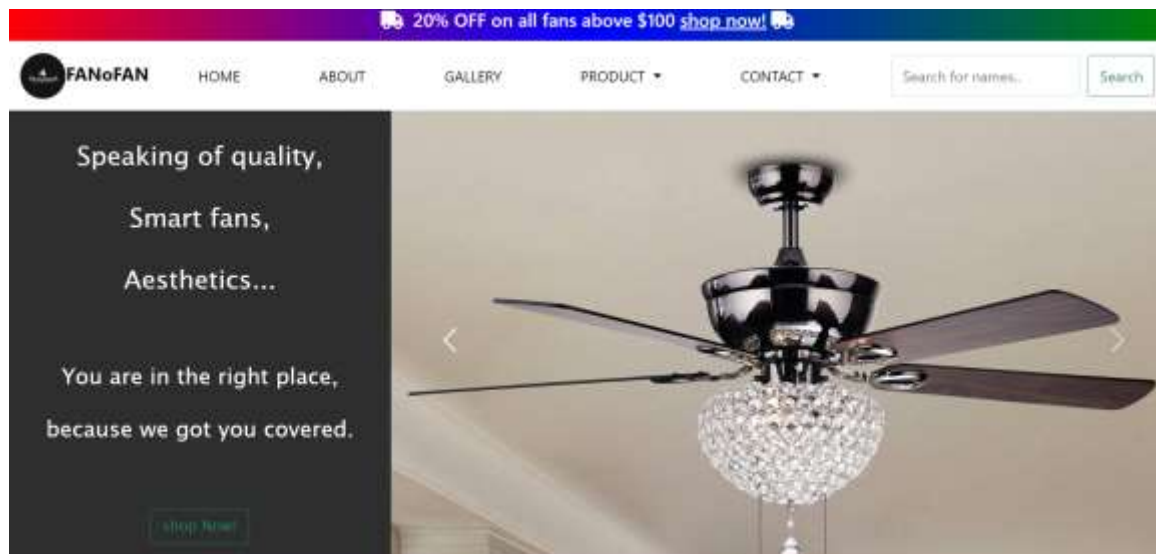
“After conducting the questionnaire, most users/staff stated that they preferred websites that were easy to navigate and were user-friendly.”

CHECKLIST OF VALIDATION PLAN

S/No.	Particulars	Yes	No	NA	Comments
1.	Is the application user-friendly?	Yes			
2.	Is the Web site launching correctly in the browser	Yes			Tested on various browsers as listed above
3.	Are all the users able to view the images and links?	Yes			Yes, some images were linked both locally and online for easier access
4.	Are the GUI contents devoid of spelling mistakes?	Yes			All T's were crossed, all I's were dotted
5.	Is RWD implemented?	Yes			Various tests were performed on many user devices to ensure RWD implementation

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ScreenShots



🛒 20% OFF on all fans above \$100 [shop now!](#) 🛒



FANoFAN

[HOME](#)

[ABOUT](#)

[GALLERY](#)

[PRODUCT](#)

[CONTACT](#)

Search for names...

Search

[Query](#)
[FAQ](#)

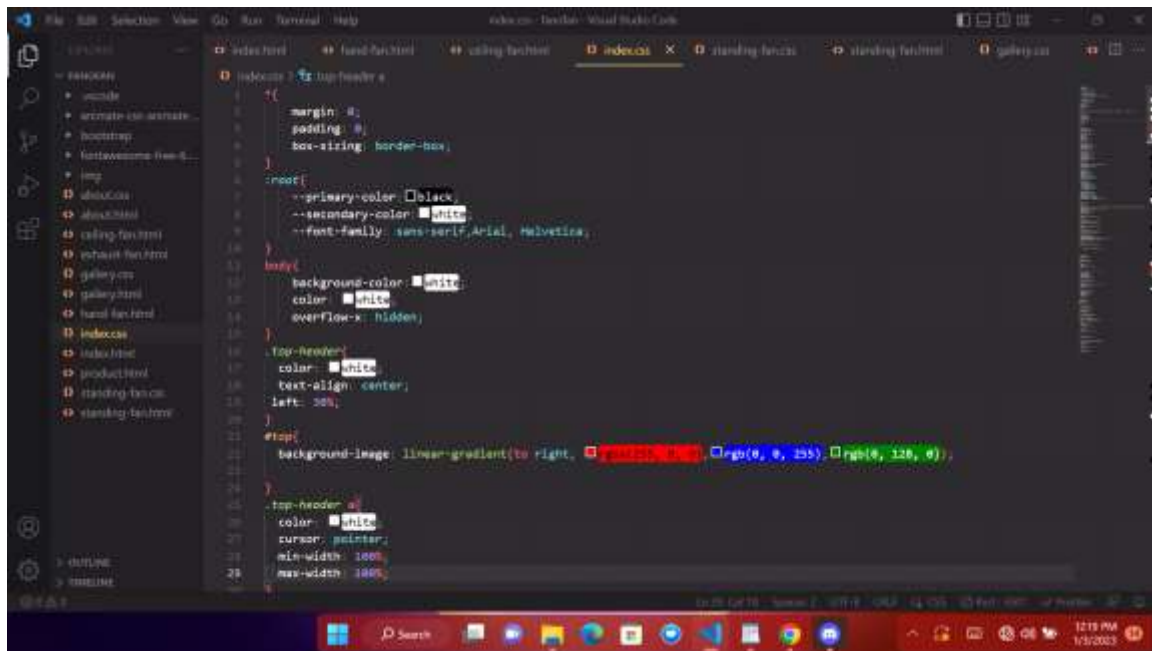
STANDING FANS

127001550/standing fan3304

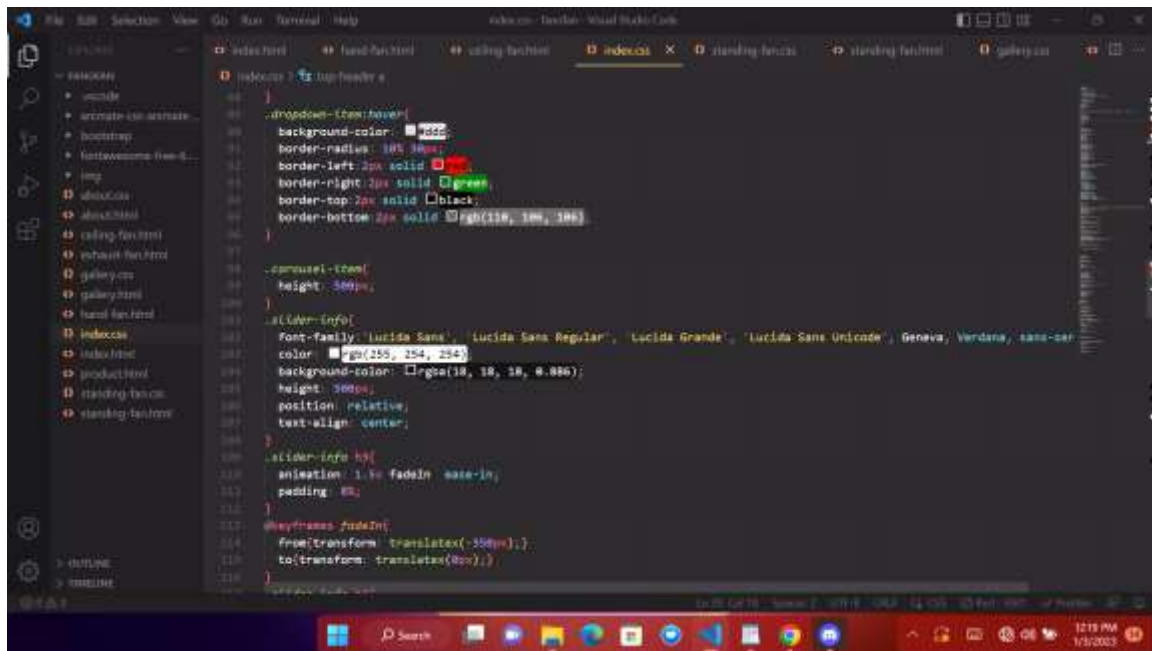


\$300





```
index.html | top-header |
margin: 0;
padding: 0;
box-sizing: border-box;
}
:root {
  --primary-color: black;
  --secondary-color: white;
  --font-family: sans-serif, Arial, Helvetica;
}
body {
  background-color: white;
  color: white;
  overflow-x: hidden;
}
.top-header {
  color: white;
  text-align: center;
  left: 50%;
}
:top {
  background-image: linear-gradient(to right, red, blue);
}
.top-header {
  color: white;
  cursor: pointer;
  min-width: 100%;
  max-width: 100%;
}
```



```
index.html | top-header |
background-color: white;
border-radius: 10% 50%;
border-left: 2px solid red;
border-right: 2px solid green;
border-top: 2px solid black;
border-bottom: 2px solid blue;
}
.carousel-item {
  height: 500px;
}
.slider-info {
  font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
  color: #f0f0f0;
  background-color: #f0f0f0;
  height: 50px;
  position: relative;
  text-align: center;
}
.slider-info {
  animation: 1s fadeIn ease-in;
  padding: 0;
}
@keyframes fadeIn {
  from { transform: translateX(-50%); }
  to { transform: translateX(0); }
}
```

Summary

We have been able to accomplish the task given to us as best as we could. The experience was interesting and has advanced our knowledge about programming, computers and upcoming technologies. Some of the technologies we used were new to us ie:bootstrap and we hadn't used prior to the embarkment of the project but now we can consider these tools a part of our arsenal. We thank the APTECH team for the project and the opportunity it has given us to be able to collaborate and work together as a team. We believe with this knowledge we are ready to get real projects and will surely deliver as we have delivered this one.

CONCLUSION

E-commerce is continuously progressing and is becoming more and more important to businesses as technology grows.

Everyday more people connect to the internet and grow increasingly comfortable with digital transactions.