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2 SYNOPSIS

ASKME Ltd. Is a Multi National Company providing Information services to General People

they have been providing information to people through Telephone calls which could include

anything from Pin to Piano. Their major source of income comes from informing the

customers about those products first for which ASKME is getting paid for.

The BOD’s in their annual general meeting proposed that they should launch a website by the

name CELLINFO.com where the user will get all the information about the various cell

phones available in the market of any brand on a click of a Button.

You are supposed to create a website for them with the below mentioned requirement

specifications:

The website is to be developed to provide certain features according to specific requirements

by the management.

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.

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3 REVIEW 1

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3.1 REQUIREMENT SPECIFICATION

The Website CELLINFO.com is to be created based on the following requirements:

1) The Home Page should be neatly created with proper logo, menu and images.

2) A Menu should be created which would categorize all the information about the features

provided in the Site For e.g. a Menu for Various Cell phones, a Menu for Features of Cell

phones etc. etc. something like that.

3) The information should be categorized according to the Brand names of Mobiles like if a

User wants to see only Nokia Phones then he click on Some Nokia Link/button and he will see

only That Brand phones and so on.

4) A Brief summary of features of Individual phones should be displayed on the Web Page

along with the Cell phone but detailed Features should be stored in Individual Word documents

which can be downloaded or viewed by the User who wishes to see the same.

5) A Comparison Web Page should also be there where there is Phone comparisons done

with various models of same brand or various models of various brands.

- The Comparison information should be provided in Tabular format comparing the

features of different phones.

- This information would be for 5 Phones of similar brands and 2 phones of different brands

for 1 month and then it will change so for the time being the Page should handle the above

requirement.

6) The Colour Schemes should be soothing, more of Pastel Colours can be chosen for the

same.

7) When a particular brand phones are being displayed the background image of the Web

page should show the Logo of that brand for e.g. if Nokia Phones are being displayed then that

page should have the Logo of NOKIA as the background image and the same in case of other

Brands.

8) There should be a “Contact Us” page which will have the Address of the Company and

the mail address which when clicked will invoke the local mail client from where they can send

an email. Address of the Company should be displayed using GeoLocation API (eg.

GoogleMaps)

9) The information on the mobile phones and all can be picked up from the Sites of Nokia,

Samsung etc.

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10) To avoid creation of html pages you can make use of layers, flash buttons and other

components of Dreamweaver for creation of pages.

11) The appearance and organization of the site will carry more chances of your selection for

getting the contract so both the factors are important to be considered.

3.2 PROBLEM DEFINITION

After analyzing the Queries coming in form various Customers mostly are related to

information regarding Cell phones which could be one or all of the follow

1) What is the Cell Phone Model Number with XYZ features?

2) What are the Features in XYZ cell?

3) What is the current price of the XYZ cell phone?

4) How is XYZ cell phone Different from ABC phone?

5) What is the approximate price of XYZ phone?

And many more...

As you can see there are a lot of queries which cannot be answered online or would be very

difficult for the Call executive to explain the entire features of the product which again would

consume a lot of Call time of the executives as well.

Our Website should be able to solve this problem by providing an alternative mean for

customers to seek out information at their own pace. The website will be referred to as self-

serviced website for informational guidance and comparisons.

3.3 CUSTOMERS REQUIREMENT SPECIFICATION (CRS)

1. Client: AskMe Ltd.

2. Objectives:

o Provide a website to display information about products (Cell phones) categorizing

product information according to brands and features.

o The website should have soothing color with proper logo and images. A menu to show

phone category and provide clickable links. A brief summary of phone features will be

show. Users who wish to compare phone features across different brands will be able

to link to a comparison table in which 5 phones of the same brand and 2 of different

brands will be show on the table.

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o Users should be able to download information from the site to their computers. If users

wish to send us an email or looking for our physical location, users should be able to do

so in “Contact Us” page.

o The keywords are “logo”, “menu”, “images”, “pastel color” “Category”, “Menu for

various Cell phones”, “Menu for features of Cell phones”, “Brand”, “Comparison”,

“Tabular Information”, “Contact Us” , “Send email”, “Geolocation”....

3. Inputs provided by clients:

o Click on clickable links from menu, or search menu.

o Click to clickable links/images in “Products” session to link to third party websites.

o Click “Compare” buttons for comparison between different phones.

o Click “Download” buttons for downloading doc documents from CELLINFO.com .

o Click “Contact Us” link to link to “Contact Us” webpage.

o Click “send us an email” to send us email.

4. Hardware Requirement:

o A minimum computer system that will help you access all the tools in the courses is a

Pentium 166 or better

o 64 Megabytes of RAM or better

5. Software Requirement:

o Window 7/10 OS or higher

o HTML5/CSS/JS supporting browsers

o Visual Studio Code.

o Bootstrap 4

o JQuery

o Notepad editor

6. Scope of the Work (in brief):

Depending on the decision taken by the management regarding the CELLINFO application,

following are the requirements based on which the software needs to be developed:

o Displaying proper Logo, Images, Menu.

o A Web-based GUI to be created for displaying hyperlinks and clickable Images. The

menu will stay on the left side navigation bar, it is to be closed with a toggle button.

The menu will provide links according to phone brands and features. There will be

links to other pages as well as clickable images to direct Users to third party

websites(Apple, Samsung, Nokia).

o The users can view and visit the links to their favourite brands. When clicked, the hero

banner will be changed to display the corresponding brand (Apple, Samsung, Nokia).

o There will be a modal page for comparison of features, the information will be

displayed when users click “compare” button.

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o There will be a “download” button where users can download doc documents from the

site.

o A “Contact Us” to be created to provide link to email to users, Our office location will

be displayed using Geolocation API embedded in the HTML.

3.4 ARCHITECTURE & DESIGN OF THE SYSTEM

Client Browsers

CELLINFO.com

(Responsive)

Web server

Static

Assets

(pics,logo,

Banner)

CSS Javascripts HTML

Boostrap 4

& JQuery, Ajax HTML 5

Owl Carousel & &

Custom Scrollbar Database

HOME

Category About Contact Us

Clothes bag jewels

Clothes model bag model jewels model

Brand brand brand

Product detail Product detail Product detail

3.6 WEBSITE LAYOUT

The website layout is to be designed with a SIMPLE but ELEGANT design. Because of the objective is

to QUICKLY and SYSTEMICALLY deliver information to the site visitors, the main focus of our

webpage will be on the main landing page where all the information will be stored and represented. The

site users will have a variety of interactions such as performing search function on a search bar, searching

using dropdown menus, comparing phone features, downloading Word documents, links to third party

websites.

The websites will also have a few complimentary pages such as About, Contact Us which contain

introductory information about our team and our office address.

3.6.1 HOMEPAGE

This layout below describes our Home Landing Page which contains three important part:

- The Top navigation bar and Side navigation bar:

There will be two navigation bars to work in synergy. The top bar will have a Hamburger

toggle button for the side menu (side panel) and Hyperlinks on the right.

When click to Hamburger button, a side menu will come out from the left screen side, the side

menu is the MOST IMPORTANT part of our project since this is where Users will have the

most interactions. There will be Our company’s logo on top, and several dropdown menu

incorporated within the side panel, a functional search bar, and buttons to link to our Website’s

other pages.

- Hero/Jumpotron:

A large Hero banner to populated in the main content area, the banner will be interactive

meaning the title and small heading will be changed according to which brand the users

currently be viewing.

- Main Content:

A phone brand will placed on top of the main content along with a brief description of the

phone company. Next will be several carousel slide that will showcase the phone products and

features. Each carousel will have several product cards which will contain a brief summary of

features and hyperlink buttons.

There will be two hyperlink buttons, a “compare” button and a “download” button. The

“compare” button will link to a modal table which will compare current phone with 5 phones

of the same brand and 2 of another brands. The download button will provide a link to

download phone features in Word Docs.

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|  | **FPT ACADEMY INTERNATIONAL**  **FPT – APTECH COMPUTER EDUCATION** |

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**[**Madam’s Boutique**]**

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December 2021

This is to certify that

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