**Client Requirements**

**Client details**

Name: IT Biz Solutions

Address: 234 Macedon St, Camperdown NSW, 2050

Telephone number: 02 687 87878

Email address: [info@itbizsolutions.com.au](mailto:info@itbizsolutions.com.au)

**Overview of business**

The client is a small business called Wired, which specialises in selling high quality headphones and audio equipment. They have a small range of 4 types of wired headphones and 2 types of wireless headphones as well as accessories which make up their current product range (see also details below).

The current capture area for the business is local, and they intend to expand this by getting an online presence through the use of an e-Commerce website.

**Key requirements**

The client requires a secure website that can be expanded as their product range grows. The site must allow a customer to view different products selected and add them to a shopping cart.

**Style requirements**

* The look of the website must be contemporary in design and aesthetically pleasing.
* Current company colours are blue, grey or black.
* Preferred font is Helvetica followed by Arial.
* Site width must be a minimum of 960px.
* A sidebar may be included on some, or all, of the pages, dependant on the website design.

**Navigation**

* The site must be simple, easily navigable and accessible to the user.
* The main site navigation menu should be visible, either at the top of the site or on in the sidebar depending on the site design.
* Three links are to be used in the main navigation menu. These links are for the three categories of product being sold on the site and are to be called: Wired, Wireless and Accessories.
* A home page link can be included in the main navigation menu or the company logo image can be used as the home page link instead;
* A small navigation menu must be present in the footer and must contain the following links - contact us, about us, support.
* The navigation menus must suit the website design and colour themes.

**Accessibility**

* The website must comply with current web standards for accessibility.

**Dynamic features**

* Dynamic software features must be created using appropriate client and server-side languages.
* Ability for access to an admin page so that updates can be made to products.
* Customers must be able to view different products
* Products can be held in a shopping cart until a customer wishes to make a purchase.

**Web Content**

* The content on the website must be logical and accessible to the user.
* The home page must contain an area where latest products or promotional information can be placed. The information placed here can be in the form of an image(s) which links to the promotional item/category it depicts. Alternatively, it can be text with an image that links to the product/category being promoted.
* The main navigation menu links for each category must take the user to a page (the category page) that displays all products for that category. Each product listed must have a small image and brief details about the product.
* When a product is clicked on the category page it must take the user to a product page. The product page must contain a larger image of the product, more information about the product, the product price and a Buy button.
* If the Buy button is clicked the user must be taken to a page where they can see the item in a shopping cart.

**Images**

* Use images of headphones and accessories for the website products (you are to select the products yourself) from stock photography sites.
* The company’s product range consists of:
  + Wired headphones: 4 types of headphones with wires
  + Wireless headphones: 2 types of wireless headphones
  + Accessories: minimum of 6
* Examples of products that can be used in accessories category are:
  + Carry case for headphones USB wireless transmitter
  + Audio cord with mic
  + Audio coiled DJ cable
  + Wired T-shirt
  + Drawstring pouch to carry headphones
* You are to access images from online electrical/electronic product suppliers.

**Database**

* A database with information for the product range is to be created. Example information is:

|  |  |  |  |
| --- | --- | --- | --- |
| Product Name | Price | Features | Product details |
| Lazer Bluetooth Headset | $49.99 | Listen to music or take phone calls wirelessly  Compatible with Bluetooth enabled devices  10 hours charge capacity | Brand: Lazer  Colour: Red  Dimensions(WDH): 165 X 32 X 145  Weight: 0.25 |

* You are to access product information (you are to select the products yourself) and price from online electrical/electronic product suppliers.

**Technical specifications**

The technical specifications will be left to the web developer to determine; however, the development environment should include the following:

* Operating System/Platform
* SQL Database for data storage
* Web server
* Front end software for user interface
* Object oriented programming language/server side language
* Security, session management, authentication

**Production**

During the production of the website, the following must be provided:

* Site map
* Wireframe or mock-up of the user interface
* Prototype of the website