# ICT286 – Web and Mobile Computing

# Description of the Fictitious Company

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**Company Details**

The company name is **Computech** and is located in **123 Fake Street, Fremantle, Perth**. The company’s contact number is **(08) 94414442** and their contact email is [**contact@computech.com**](mailto:contact@computech.com)**.** The company is owned by **John Smithers**, however everything is managed by the CEO **Frank Burns**.

**Company Introduction**

Computech was founded in 2012 by John Smithers in his parents’ garage with a dream, a dream of delivering some of the world’s greatest computing technology to people all over the world and with this dream came a reality where Smithers received a massive start up bonus from a sponsor and expanded his company to a national level. Smithers is not just a business man, he cares not only for his customers, but those in need as well and for this reason, 40% all purchases made through Computech are donated to local community charities. The products we sell at Computech are pc parts handpicked by a team of professional to deliver the best all-round quality in any PC build.

**Product Information**

Here at Computech we sell a large range of computer products and accessories. Not only do we cater to the tech savvy, we also provide excellent customer service to the customers that aren’t too friendly with technology. Our product range is includes but is not limited to various computer accessories such as keyboards, mice and monitors all the way to the engine of the computer including CPU, Graphics Cards and Mainboards. Computech caters to your computer needs whether you are building your first PC or just require a specific part.

**Online Trading**

The products on the website are categorized to create an easy access website for the user. Within the website there will be a list of categories and sub-categories which the user can expand to see the full list of products. From here, the user is able to select a product to display its information and pricing (which will be kept in an SQL database) in which the user is now able to buy the product. A selected number of products will be displayed on the home page as images which will be clickable to view the full details to attract the customer to the site. The website will use an attractive colour scheme and a practical navigation system to allow the user to navigate the website freely. The user will also be able to search the site for available products using a search bar and sort the products by name or the pricing from highest to lowest/vice versa.

Occasional visitors will be able to simply browse the pages and products, however, will have no furthers access to restricted pages that only account holders can access. For a user to be able to purchase a product they must first register providing their personal details, these may include: name, email, address, phone .etc. This information will be stored and used when a product is purchased i.e. delivery address. Registered users will have access to a “My Account” page that displays basic user info and purchase history which is not available to occasional visitors. The highest privileged account will be ‘staff’ in which users will be able to add, modify or delete products. Instead of having a “My Account” page, the staff will have a “Staff Page” where they can select from a drop down menu the product they wish to delete/modify. This page will contain the option to delete from the website and any information changed will alter the information displayed on the website. The “Staff” page will also contain an “Add Product” button where they will be able to add new items to the website. No other users except staff can alter the website and products.

**List of Products (including but not limited to)**

**Software**

[Microsoft Windows 10 Home Retail 32/64-Bit Flash Drive](https://www.ple.com.au/Products/619985/Microsoft-Windows-10-Home-Retail-3264-Bit-Flash-Drive)  
Microsoft Windows 7 Professional OEM 64Bit

[Microsoft Office 2016 Home and Student 1 User, 1 Device Retail PKC](https://www.ple.com.au/Products/625211/Microsoft-Office-2016-Home-and-Student-1-User-1-Device-Retail-PKC)  
Kaspersky Internet Security Multi Device 2016 3 User 2YR Retail Pack

[Microsoft Office 365 Personal 1 User, 1 Device, 1YR License Rev.1](https://www.ple.com.au/Products/614958/Microsoft-Office-365-Personal-1-User-1-Device-1YR-License-Rev1)

**Accessories**

[Aavara AV-DS200 Freestanding Dual Monitor Stand (up to 24")](https://www.ple.com.au/Products/616446/Aavara-AV-DS200-Freestanding-Dual-Monitor-Stand-up-to-24)

[Chemtronics 152A Duster Compressed Air 283g](https://www.ple.com.au/Products/620467/Chemtronics-152A-Duster-Compressed-Air-283g)

[ORICO Reusable Cable Ties](https://www.ple.com.au/Products/622980/ORICO-Reusable-Cable-Ties)

[Startech 11 Piece PC Computer Tool Kit](https://www.ple.com.au/Products/618980/Startech-11-Piece-PC-Computer-Tool-Kit)  
Laser LCD Cleaning Kit (60ml)

[Razer DeathAdder Chroma Optical Gaming Mouse](https://www.ple.com.au/Products/616736/Razer-DeathAdder-Chroma-Optical-Gaming-Mouse)

[Logitech M235 Wireless Mouse](https://www.ple.com.au/Products/620936/Logitech-M235-Wireless-Mouse)

[Razer Naga Chroma Laser Gaming Mouse](https://www.ple.com.au/Products/623461/Razer-Naga-Chroma-Laser-Gaming-Mouse)  
Microsoft Wireless Desktop 850

[Corsair Gaming Strafe RGB (MX Silent) Silent Mechanical Keyboard](https://www.ple.com.au/Products/620625/Corsair-Gaming-Strafe-RGB-MX-Silent-Silent-Mechanical-Keyboard)

**Cases**

[Corsair Carbide 600C Inverse Full-Tower Chassis w/ Side Panel Window](https://www.ple.com.au/Products/621675/Corsair-Carbide-600C-Inverse-Full-Tower-Chassis-w-Side-Panel-Window)

[Corsair Graphite 780T White Full Gaming Tower w/Side Panel Window](https://www.ple.com.au/Products/615979/Corsair-Graphite-780T-White-Full-Gaming-Tower-wSide-Panel-Window)

[Antec ISK110 VESA Black/Silver mITX Case](https://www.ple.com.au/Products/609425/Antec-ISK110-VESA-BlackSilver-mITX-Case)  
Cooler Master Elite 130 Black mITX Case

[BitFenix Comrade Mid Tower w/Side Panel Window](https://www.ple.com.au/Products/623586/BitFenix-Comrade-Mid-Tower-wSide-Panel-Window)

**CPU**

[AMD FX-6300 AM3+ 3.5GHz Retail Box](https://www.ple.com.au/Products/611585/AMD-FX-6300-AM3-35GHz-Retail-Box)

[AMD FX-8350 Black Edition AM3+ 4.0GHz Retail Box](https://www.ple.com.au/Products/611022/AMD-FX-8350-Black-Edition-AM3-40GHz-Retail-Box)

[Intel Core i7 6700K Skylake-S 4.0GHz 8MB Cache No HSF Retail Box](https://www.ple.com.au/Products/620290/Intel-Core-i7-6700K-Skylake-S-40GHz-8MB-Cache-No-HSF-Retail-Box)  
Intel Core i5 6600K Skylake-S 3.5GHz 6MB Cache No HSF Retail Box

[Intel Core i3-4170 3.7GHz 3MB Retail Box](https://www.ple.com.au/Products/619727/Intel-Core-i3-4170-37GHz-3MB-Retail-Box)

**Graphics Cards**

[Galax GeForce GT710 2GB GDDR3](https://www.ple.com.au/Products/622394/Galax-GeForce-GT710-2GB-GDDR3)  
Gigabyte GeForce GTX1070 G1 Gaming 8GB GDDR5 DVI HDMI 3xDisplayPort  
eVGA GeForce GTX1060 Gaming 6GB GDDR5  
Galax GeForce GTX970 Black EXOC Sniper 4GB GDDR5  
Gigabyte GeForce GT730 2GB DDR3 VGA DVI HDMI

**HDD**

[WD Black WD10JPLX 2.5" 1TB 32MB 7200RPM Mobile HDD](https://www.ple.com.au/Products/623527/WD-Black-WD10JPLX-25-1TB-32MB-7200RPM-Mobile-HDD)

[Toshiba 2.5" 500GB 8MB 5400RPM HDD](https://www.ple.com.au/Products/615912/Toshiba-25-500GB-8MB-5400RPM-HDD)

[Samsung 850 EVO Series 2.5" 7mm 500GB SSD](https://www.ple.com.au/Products/617289/Samsung-850-EVO-Series-25-7mm-500GB-SSD)

[Kingston SSDNow UV400 120GB 2.5" SSD](https://www.ple.com.au/Products/624190/Kingston-SSDNow-UV400-120GB-25-SSD)

[Intel 540s Series 1TB M.2 SSD](https://www.ple.com.au/Products/623533/Intel-540s-Series-1TB-M2-SSD)

**RAM**  
G.Skill 16GB Kit (2x8GB) DDR3 Ripjaws X C10 1600MHz

[G.Skill 8GB Kit (2x4GB) DDR3 Ripjaws X C9 1600MHz](https://www.ple.com.au/Products/606692/GSkill-8GB-Kit-2x4GB-DDR3-Ripjaws-X-C9-1600MHz)

[Corsair 16GB Kit (2x8GB) DDR4 Vengeance LPX Black C14 2400MHz](https://www.ple.com.au/Products/620610/Corsair-16GB-Kit-2x8GB-DDR4-Vengeance-LPX-Black-C14-2400MHz)  
Kingston 8GB DDR4 ValueRAM C15 2133MHz  
GeIL 16GB Kit (2x8GB) DDR4 SUPER LUCE Black (White LED) C16 2400MHz

**Motherboards**  
Gigabyte H110M-S2H LGA1151 DDR4 mATX Motherboard  
ASUS Z170-AR LGA1151 DDR4 ATX Motherboard  
ASUS H170-PRO LGA1151 DDR4 ATX Motherboard  
ASUS ROG Maximus VIII Hero LGA1151 DDR4 ATX Motherboard  
ASUS Sabertooth Z170 Mark 1 LGA1151 DDR4 ATX Motherboard

[ASUS ROG Rampage V Extreme 2011-3 USB 3.1 eATX Motherboard](https://www.ple.com.au/Products/618032/ASUS-ROG-Rampage-V-Extreme-2011-3-USB-31-eATX-Motherboard)

**Monitors**

[ASUS VP247H 23.6" Full HD 1MS LED Monitor](https://www.ple.com.au/Products/622351/ASUS-VP247H-236-Full-HD-1MS-LED-Monitor)

[ViewSonic TD2421 23.6" Full HD 5MS LED Touch Screen Monitor](https://www.ple.com.au/Products/625199/ViewSonic-TD2421-236-Full-HD-5MS-LED-Touch-Screen-Monitor)

[ViewSonic VX2757-MHD 27" Full HD FreeSync 1MS LED Gaming Monitor](https://www.ple.com.au/Products/623963/ViewSonic-VX2757-MHD-27-Full-HD-FreeSync-1MS-LED-Gaming-Monitor)

[BenQ BL3200PT 32" WQHD CAD/CAM 12MS LED Monitor](https://www.ple.com.au/Products/615002/BenQ-BL3200PT-32-WQHD-CADCAM-12MS-LED-Monitor-)

[BenQ XR3501 35" Curved Ultrawide 144Hz 4MS LED Gaming Monitor](https://www.ple.com.au/Products/619982/BenQ-XR3501-35-Curved-Ultrawide-144Hz-4MS-LED-Gaming-Monitor)

**Other Information**

Computech are certified retailers of trusted and well known company’s such as Intel, AMD, Gigabyte, ASUS, NVidia, Microsoft, MSI, BenQ, Dell and many more.

Users will be able to contact the support centre through email if they have any queries or by post as donations are welcome. A testimonial page will also be accessible through the website which will display past users who have purchased products from the company and their feedback.