C_ITEC301 – Deliverable 1 Information Gathering, Planning and Project Proposal

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1. Project Overview

1.1 Introduction

I, Margo Henning, am a third-year student of the BSc IT degree.
This project includes identifying a local registered business to work with to create an e-commerce website for the business.

The business I identified to create an e-commerce website is known as L'Elegance Beauty.
L'Elegance Beauty is a local business that is in the industry of selling beauty products as well as beauty services.

L'Elegance Beauty opened their doors for the first time in 2003 by the owner and beauty therapist, Lisle Weiermans.
Lisle still runs her business herself successfully till this day.
Lisle did a three-year qualification and passed her international diploma.
After getting her qualifications, she gained a few years of experience and then decided to start her business.
She describes herself as having a passion for being practical and applying her skills in a practical manner.

Lisle has been the only therapist for her business for the last 14 years and her clients are very special to her and she appreciates their loyalty.

After talking to one of her clients it is clear that Lisle's passion for her business and clients goes far beyond just giving them a beauty treatment, she makes each client feel special and refreshed after their treatment.

L'Elegance Beauty as a company has welcomed me with open arms to create an e-commerce website for them, since in the time we live now, all companies have websites and it can only be an advantage in the competitive business environment of today.

1.2   Project Proposal and Project Purpose

The Project proposal entails multiple areas to which needs to be paid attention to in order to plan for this project and to be prepared and make a success of the project.

The company needs to make it possible for its clients to view their products and services online as well as make the clients able to order products via the website. Creating an e-commerce website for a business have multiple advantages that includes, overcoming geographical limitations, gaining new customers, locating the products quicker and providing abundant information of each product. (7 Benefits of Ecommerce for Retailers,2017)
The project proposal will address, the target audience, market research, competitors, the project scope, e-commerce platform, billing plan and portfolio.

The purpose of the project is to do research, plan and successfully develop an e-commerce website for the company L'Elegance Beauty, where the website will be supported by a database as well as successfully hosted online.

1.3   Project objectives

The following goals are seen as the objectives of the project.
- Research possible companies to create e-commerce website for
- Conduct interview with client
- Obtain requirements and necessary information
- Setup System proposal that includes, project overview, target audience, market research, competitors, project scope, e-commerce platform, billing plan and portfolio
- Identify user requirements using user requirements documentation
- Identify required hardware and software
- Setup a project schedule in the form of a Gantt chart
- Conduct and document feasibility study
- Make a list of recommendations to present to client
- Identify an appropriate methodology
- Setup designing documentation, visual designing as well as database designing
- Create and implement database
- Create website
- Integrate website and database
- Implement platform
- Implement hosting platform
- Create user manual
- Setup testing documentation
- Conduct website tests
- Setup final demonstration and evaluation

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1.4   Project summary
a. <u>User Requirements:</u>

Functional:
- System Interface:
  Minimalistic user friendly design which is not over complicated.
  Have the ability to view product and services in catalogue.
  Select and view products available.
  Add products to cart and check out and complete transaction.
  Have the ability for the admin to view, add, update, delete products, services and orders from users and their registered information.

Non-Functional:
- Validation: secure log in, user ID check, Completeness and basic validation of information from input
- Security: Secure hosting of website, secure database storage and secure transactions
- Administrator Security: Admin features to access user records as well as functionality to update catalogue

Technical:
- Current Software: currently have windows 7, web browser and Office installed
- Current Hardware: currently have basic office setup for one computer
- Future Software: windows 7, web browser and website
- Future Hardware: one basic computer with internet connection
- Developing Language and tools: HTML, CSS, JavaScript, PHP, SQL(MySQL)

b. Required hardware and Software:

Hardware and Software Requirements for developers:

We require one computer, a computer for the developer.
On the developing computer, the following is required:
- Windows operating system software
- Notepad ++, which is a text editor which will be used to develop the website
- MySQL Server Software, which will be used to develop the database side of the website which will hold all the records of the website
- Microsoft Office Software which include Word and Excel, which will be used to supply documentation and to keep track of progress and the schedule of the project
- OpenOffice Draw and ArgoUML Software, which will be used to create diagrams which is part of the planning process
- HP printer driver software, which will be used to be able to connect to the printer to print the hardcopies of project documentation
- GitHub account and online software which will make it possible to store database on the cloud online as well as make it possible to collaborate with client online.
- Heroku hosting online software, that will be used to host the website
- Keyboard, mouse, monitor, at least 4GB RAM, at least 30GB hard drive memory Additionally, a HP printer is required to be able to print user documentation as well as necessary documentation which supports the planning process

Hardware and Software Requirements for users:

- Any working computer with a monitor, keyboard and mouse
- Any Operating System Software installed
- Web browser installed on the computer
- Working and secure internet connection

c. Schedule:
Find the Gantt Chart in Addendum A.
(Smartsheet Blog. 2017)

d. Feasibility Study:

Feasibility criteria	Ranking	System option 1: Create website using Website builder online	System option 2: Create new website in-house using specific requirements
Operational feasibility	30%	Only standard functionality is available. Average requirements will be supported. Limitations on available functionality. Custom modification will not be supported. Score: 50	When creating a new system completely from scratch, it is custom made to serve every user-required functionality as well as all the business processes that have to take place. Any functionality is available and no limitations on ideas and possibilities. Score: 100
Technical feasibility	30%	Clients must create their own website with limited skills available. The more advanced the client want their website to be the higher the costs are for the website builder account. The development of the website is extremely limited and do not support a database or any transaction options or e-commerce platform tools. Support and assistance is hard to come by in terms of online website builders. The integration and implementation of the website can be quite complex so tech experts would have to be hired if the client does not have the necessary skills. Score: 50	Expertise: The solution requires writing the website in HTML, CSS, JavaScript, PHP and SQL. The development team already have the necessary skills to know how to work with these language tools so there will be no problem in the actual development of the system. Technology: The in-house developed website will be able to use an e-commerce platform as well as support a database. Score: 90
Feasibility criteria	Ranking	System option 1: Create website using Website builder online	System option 2: Create new website in-house using specific requirements
Economic feasibility	30%	Cost: R4000 per year (excluding hosting fees) (WIX.2017) Benefits: • Easy accessibility to client. • Easy self-maintenance and update. • Proven track record. Score: 70	Cost: R 150 000 (maintenance costs excluded) Benefits: • The company has full ownership of the final product as well as its source code and the knowledge gained while developing it. • Fits exactly to the business requirements of the company • It gives you full control over the website and its functionality • Can provide the business with a greater competitive advantage Score:70
Schedule feasibility	10%	3-4 Months Score: 85	5 – 6 Months Score: 70
Ranking		59.5	85

e. Recommendations:

We recommend System option 2, the In-house website development.
With In-house website development, you will receive a newly designed website that meets your specific needs and requirements.

L'Elegance Beauty will have full ownership of the final product, as well as its source code and the knowledge gained while developing it. If the online website builder option is used, then the client will not have access to the source code or any right to it.

There is a relationship between the development team and the user base, which helps in communication and expectation delivery, also if you might come across any issues in future use it will be sorted out immediately, compared to the online website builder, you might have the inconvenience of dealing with an unsuccessful website for a period of time as the client will have to rely on the website builder or external experts for technical support.

As the website is developed for the client's specific needs, it provides them with a greater competitive edge above their competitors and also provide them with a better customer service, for example the user will be able to order and pay for products online.
With in-house website development, the system functionality is determined by the client and can be created without any limitations or shortcomings.

f. Methodology:

The following methodology will be used.

Waterfall Methodology:

In the waterfall model, every stage must be finished thoroughly before the following stage can start. This sort of methodology or model is fundamentally utilised small project and there are no unverifiable prerequisites.

Toward the end of every stage, a survey happens to find out whether the plan is on the right path and whether to proceed or dispose of the plan or project. In this model the testing begins strictly after the development is finished (Istqbexamcertification.com, 2016).

Stages are not allowed to overlap one another in the waterfall methodology.

The advantages of this model include the following; this model is basic and straightforward to use. It is extremely easy to oversee due to the fact of the inflexibility of the model – every stage has its specific deliverables and a survey procedure.

The stages are started as well as finished each in their appropriate turns.

The waterfall model functions perfectly for smaller undertakings where necessities are thoroughly understood.

The waterfall model can be used when; the requirements, technology and innovation are understood, fixed, and altered; when the definition of the product is stable and there are no vague prerequisites and; when abundant assets with required skill are accessible uninhibitedly and the plan is short (Istqbexamcertification.com, 2016).

General Overview of "Waterfall Model"
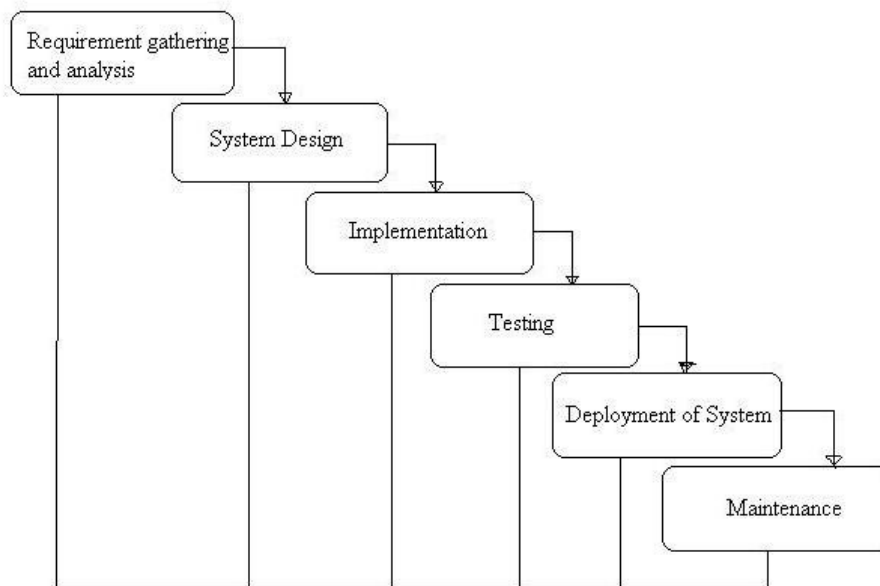
2. Target audience

A target audience refers to the demographic of people that are most likely to show interest in your product or service. (Lake, 2016)
It is important to analyse your target audience so that you are aware of what type of people are you catering for and who has the most influence on the amount of products and services you sell.

One way to start understanding your target audience is to create a stakeholder analysis matrix. (Stakeholder Analysis (Stakeholder Matrix). 2013)
A stakeholder analysis matrix is when stakeholders are plotted against two variables, known as influence and importance.
When creating a stakeholder analysis, you need to identify your stakeholders and then add them to the matrix according to where they fit in.
A stakeholder is referred to as any person or organisation who can have a positive or negative impact on the business or can be impacted positively or negatively by the business. (Stakeholder analysis. 2017)

Below is a stakeholder analysis matrix which includes the following stakeholders:
- Owner
- Employees
- Buyer
- Customers
- Prospects
- Competitors
- Suppliers
- Investor

The stakeholders that are shown in quadrants A, B and C are the key stakeholders.

		Importance of Stakeholder			
		Unknown	Little/No Importance	Some Importance	Significant importance
Influence of Stakeholder	Significant influence	C		A	- Owner - Buyers - Customers
	Somewhat influential			- Employees	- Suppliers
	Little/No influence	D	- Prospects	B - Competitors - Investors	
	Unknown				

3.   Market research

Market research refers to the process of collecting valuable information that will aid you in finding out whether there is a market for the proposed project or product.

Advantages of E-commerce to the customers includes the following:

- Wide range of products and services:
  E-commerce allows customers to choose products and services of their choice from anywhere in the world. The seller can normally only stock a certain amount of products in their physical store, where in a virtual store allows the seller to stock a lot of products without having to consider the inventory cost.
- Convenience:
  E-commerce allows the customer to buy any products without causing physical constraint to the customer, in other words, if the customer have an internet connection they can buy any products without having to go anywhere.
- Saves Money:
  When customers buy products from an e-commerce website, they tend to save money since they are buying the products directly from the source, which cuts out the middleman which in the end saves money.
- Saves Time:
  The total time customers spend on selection, buying and paying for a product online is a lot less than actually physically traveling to the shops and buying products there.
- Adequate information:
  E-commerce allows customers to search for products and their information as well as compare similar products to one another. This allows the customer to make an informed well thought through decision. (Money Matters, 2017)

Benefits of E-commerce to a business:

- Thorough descriptions of Products:
  E-commerce allows you to provide customers with complete and accurate information about your products. This product information can range from features, characteristics and basic information to ratings from previous buyers.
- Available through search engines:
  E-commerce websites gets more business based on the amount of traffic they get from search engines. People use search engines on a daily basis to search for the products they need, therefore search engines allows a business to reach a lot more people than they would have by just having a physical store.
- Reduce costs of maintaining and managing inventory:
  Maintaining and managing inventory takes time and money as well as employees. E-commerce websites can be created in such a way that it supports automated inventory systems.
- Ability to record buying habits of customers:
  In a physical store, it can be quite difficult to keep record of all sales as well as analyse the items that customers bought and how frequently they bought them. With an e-commerce website, all activities are recorded from all users, therefore it makes it easy for a business to use buying habits of customers to their advantage.
- Extremely Competent and effective:
  E-commerce websites are completely computerized; therefore it is accurate and effective, more accurate and effective than an employee for example.
  Employees for example can become over worked and tired, compared to a computerised system it will always work completely and thoroughly in terms of functionality.
  (Dawson,2016)

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M-commerce is rapidly growing:

In 2016 the rapid growth of m-commerce caused retail m-commerce sales in the United States totalled 123.13 billion US dollars.

Mobile commerce had a big breakthrough in 2015, m-commerce retail sales in the US doubled, this was caused by the creation of smoother buying experiences. Experienced e-commerce executives said that the trajectory was fundamentally different from the previous years. People involved in e-commerce said that they noticed that the willingness of customers to buy online has increased significantly. (eMarketer,2016)

It is said that by 2020 smartphones will capture 129.44 US dollars of all retail m-commerce outlays in the US, which points to a growth rate of 18.3 %.

At the moment statistics tells us that tablets hold the majority of m-commerce sales, which in this case is 50.6%, the growth rate of tablet sales will still be a good 30.7%, however it will not be fast enough to keep up with the growth of smartphone m-commerce sales. (eMarketer,2016)

Considering all the statistics tablet commerce sales will continue to grow over the next three years resulting in 100 billion US dollars in 2020.

The following graph demonstrates the US tablet retail m-commerce sales of 2014-2020. (eMarketer,2016)
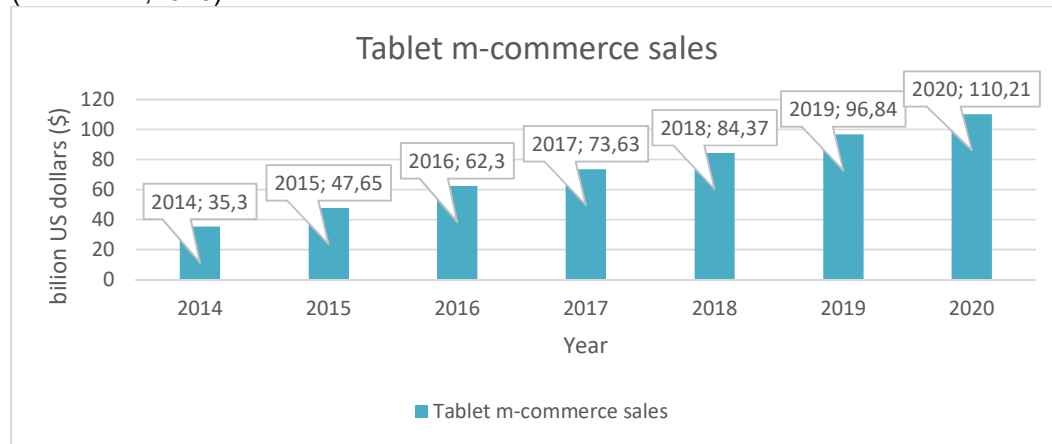
The following graph demonstrates the % change and % of total m-commerce sales for 2014-2020 (eMarketer,2016)

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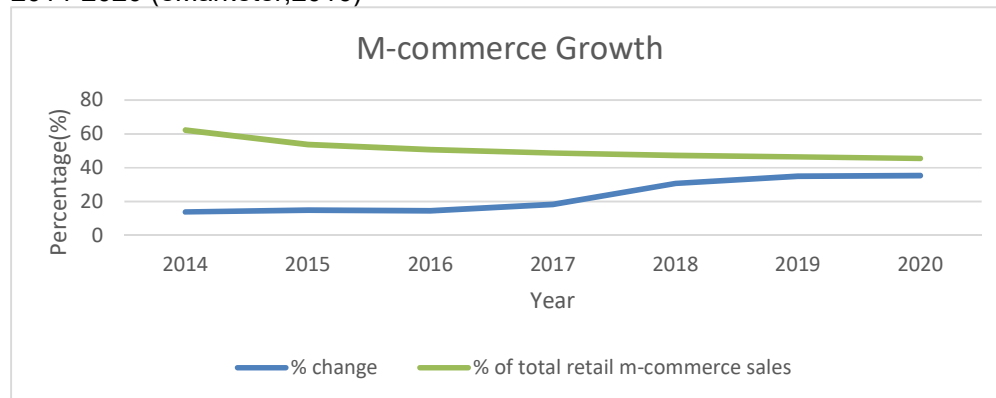
4. Competitor

	L'Elegance Beauty Website (Project's Website)	Dermalogica Website	Be Beautiful Cosmetics Website	Glam Glow Website
Website URL	www.lelegancebeauty.co.za (not active yet)	http://www.dermalogica.co.za/	https://bebeautifulcosmetics.com/	http://www.glamglow.com
Interface	- Clean and professional interface - Attractive home page - All text is readable and not overwhelming - Layout is simple and neat - User friendly and easy to read.	- Good social media blending - Clean and professional interface without overwhelming colours - Interactive homepage that displays updated best sellers - Layout is simple and pleasing to the eye - User Friendly and easy to read	- Good social media blending - Clean and professional interface, however some of the images display can be slightly overwhelming. - Interactive homepage that displays new products - Layout is slightly overwhelming and busy - Easy to read	- Good social media blending - Clean and professional interface, however some of the colours can be slightly overwhelming. - Interactive homepage that displays new or updated products - Layout is simple - Easy to read
Products	Products range from skin cleansers, skin moisturisers, skin masks, skin scrubs, eye treatments and skin toners.	Products range from skin cleansers, exfoliants, masques, toners, concentrated skin boosters, targeted treatments, eye treatments, moisturisers, daily groomers, shaving products, body therapy products, skin kits, primers and tints.	Products range from Anti-age skincare products, Beauty kits, Cleansers, toners, eye creams, facial creams, Facial serums, Fragrance perfumes, Hair Products, Luxury skincare products, Make up, Oily Acne Care, Organic Skin Care, Sensitive Skin care, Scrubs, Masks, Sales/Specials and whitening products.	Products range from Mask treatments, moisturisers, cleansers, lip products, make up, travel size products, pro size products and volcasmic products.

Functions	- Allows you to browse products - It provides information about the business - Allows you to register and login - It allows you to select products and add to cart and from there make a payment to order the products. - It provides information about products and services - Provides access to admin and functionality for the admin to ad, update and delete products	- Allows you to browse products - Allows you to locate a store - It provides information about different skin types and suggests products - It allows users to have a wish list - It provides information about the business - Allows you to register and login - It allows you to select products and add to cart and from there make a payment to order the products.	- Allows you to browse products, news and best sellers - It allows you to filter for certain categories when browsing - Allows you to register and login - It allows you to select products and add to cart and from there make a payment to order the products.	- Allows you to browse products - It allows users to have a wish list - It provides information about the business - Allows you to register and login - It allows you to browse best sellers and offers - It allows you to select products and add to cart and from there make a payment to order the products. - It allows you to live chat with a sales assistant
Shopping Cart	This website has a Shopping cart. It allows you to combine products you want to buy in a group which you then pay for at the end of your virtual shopping trip. The shopping cart icon can be seen at the top right of the page.	This website has a Shopping cart. It allows you to combine products you want to buy in a group which you then pay for at the end of your virtual shopping trip. The shopping cart icon can be seen at the top right of the page.	This website has a Shopping. It allows you to combine products you want to buy in a group which you then pay for at the end of your virtual shopping trip. The shopping cart only works in the US Dollar currency. The shopping cart icon can be seen at the top right of the page.	This website has a Shopping cart called shopping bag. It allows you to combine products you want to buy in a group which you then pay for at the end of your virtual shopping trip. The shopping cart icon can be seen at the top right of the page.

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Social Integration	This website does not integrate socially.	This website integrates socially with the following social media forms: - Facebook - Twitter - Instagram - YouTube - LinkedIn	This website integrates socially with the following social media forms: - Facebook - Pinterest - Instagram	This website integrates socially with the following social media forms: - Facebook - Pinterest - Instagram - Twitter - YouTube
Secured Payments	This website uses PayPal to handle transactions.	This website uses VCS (virtual card services) to handle transactions.	- Shopify secured infrastructure - 256-bit SSL certificate - Level 1 PCI DSS compliant	This website uses PayPal to handle transactions.
Subscription	- Allows you to subscribe as a user - Can browse the website without subscribing - Can not make a payment without subscribing	- Allows you to subscribe as a user - Can browse the website without subscribing - Can not make a payment without subscribing	- Allows you to subscribe as a user - Can browse the website without subscribing - Can not make a payment without subscribing	- Allows you to subscribe as a user - Can browse the website without subscribing - Can make a payment without subscribing but only if you do it through PayPal, else it is necessary to subscribe to make payment.

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5. Project scope

L'Elegance Beauty Website	
Usability Documents	**Navigation Pane:** 1. Homepage: Photo gallery of products and business logo. 2. Products: View products and their information, as well as add to cart option. 3. Services: Menu of all services available at the beauty salon 4. Contact us: Business address and contact details 5. About us: Introduction to business and information about business. 6. Account: Register or log in to account and view history 7. Shopping Cart: Payments and check-out 8. Admin Page: Allow the business to add, update and delete products or services
	User Privileges and Roles: 1. Users: (customers) can visit the pages to view products and services and purchase products as needed. 2. Admin: can visit everything the customers can, but with the addition of an admin page where products and services can be added, updated and delete. Admin can also view history of all orders placed.
Content	**Font:** - Readable and simple font - Headings or titles will be slightly larger than normal test
	Colour: - Neutral colours will be used to create a calm and clean effect
	Graphics: - Business images will be provided by L'Elegance Beauty - Product images will be provided by us
	Interactivity: - Image gallery of products and business
Design	Unique and clean interface with an easy to use navigation that is user friendly.
Functionality	- Functions include, shopping cart, database support and secure online payment processes. - User accounts (register and login) - Provide a search function for the website - Provide Admin version of the website
Search Engine Optimisation	SEO solutions will be provided

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6. E-commerce platform

E-commerce platform: PayPal

PayPal is known as one of the world's primary methods of online payment. The main idea behind PayPal is to use encryption software to make it possible for people to make secure financial transfers between computers. At the moment, PayPal supports over 100 million active accounts across 190 markets worldwide.

In summary, PayPal is a payment service online which allows individuals and businesses to transfer funds electronically.(Ed Grabianowski & Stephanie Crawford. 2005)

Basic PayPal accounts are free, most of the transactions are free as well, which includes all purchases from sellers that accept payments using PayPal.

Online Purchase fees:

When you Pay	When you get Paid
Free	2.4% to 3.4% + $0,30 USD

Personal Payments fees:

Using PayPal Balance	Using Credit Card Payment
Free	3.4% + $0,30 USD

(PayPal, 2017)

Features of PayPal:
- Supports 25 Currencies
- Security Key
- Accounts for Teenagers
- Peer-to-Peer Transactions
- Donate Button
- Protection of Personal Information
- Free to Withdraw
- Connects Credit, Debit and bank account for buyers
- Low transaction fees against credit, debit cards and banks for sellers
- Mature and secure transactions
- Internationally available
- Supply SDK and Rest API for development
- Supply tutorials and support for development
      (Softstribe. 2017)

Hosting Platform: Heroku

Heroku is known as a container-based cloud Platform.
Website developers use Heroku to deploy, manage and scale their
modern websites.

Heroku describes their platform as elegant, flexible and easy to use.
(What is Heroku?.2017)

Heroku gives developers the freedom to focus on the core product without being distracted by
the fact that servers, hardware and infrastructures needs to be maintained.

Heroku supports multiple developing languages known as, Node, Ruby, Java, PHP, Python, Go,
Scala and Clojure. (Heroku Development Languages. 2017)

Heroku offers four different packages known as free, hobby, standard and performance.
We will be using the free package. (Simple, flexible pricing, 2017)

The free package includes the following features:
- Multiple deployment methods
- Automated patching
- Unified logs
- Buildpacks
- Routing
- Dyno management
- Sleeps after 30 minutes of inactivity
- Account-based pool of free dyno hours
- Supports free domains (eg. Wildcard, subdomain and root domains)
- 512 MB RAM
- One web developer worker
- Allows a database with free 10000 rows
- Supports Continuous integration(CI)

7. Billing plan

After analysing the needs of L'Elegance Beauty thoroughly the follow billing plan was decided on.

An advanced deposit, which is 5% of the total budget is required.
After the deposit, a payment needs to be done after every milestone known as a phase has been completed.

The total budget results in R150 000 (South African Rand, ZAR).

Please note that external hosting fees are not included, therefore the client will have to support the hosting features by means of their own resources in the future.

The following table is a summary of the billing plan:

	Due Date	Percentage	Total (ZAR)
Advanced Deposit	03/03/2017	5%	R 7500
Phase 1: Deliverable 1	10/03/2017	20%	R 30 000
Phase 2: Deliverable 2	24/07/2017	25%	R 37 500
Phase 3: Deliverable 3	06/09/2017	25%	R 37 500
Phase 4: Final Demonstration and Implementation	09/09/2017	25%	R 37 500
Total		100%	R 150 000

In terms of this project the client will not actually be billed due to the terms and conditions of the Pearson Institute which is offering this project to L'Elegance Beauty free of charge.

This Project will remain the property of the Pearson Institute but the client, L'Elegance Beauty will receive the final product as well as all knowledge gained from it.

8. Portfolio

WHO WE ARE:

WebRain is a passionate and creative company located in South-Africa. We have been creating strategies, designs, web development and ideas that supports people and their businesses
.
WebRain is also committed to making other people's lives easier in the sense of creating software that creates a positive change as well as increase productivity.
We offer database support as well as infrastructure support.
 Our job titles range from, System analyst, project manager, Interface design specialist, database designer, Business Intelligence Analyst, Database developer and Website developer.

WHAT WE DO:

WebRain is a company that specializes in developing websites for other companies that are committed to making the change from selling their products or services from a physical store to selling their products or services from a virtual online store.

Our services allow people with skillsets different from ours to have a competitive advantage over businesses like them, by using our software development skillset.

The members of our team work together to create unique solutions that are user friendly to our clients and their customers.

We make a point of completing projects in such a way that supports each of our clients' needs in their own unique way.

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10.   Addendum A

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The Gantt Chart:

Task Name	Start	End	Duration (days)
Research possible companies to create e-commerce website for	2017-02-20	2017-02-21	1
Conduct interview with client	2017-02-23	2017-02-24	1
Obtain requirements and necessary information and document	2017-02-23	2017-02-24	1
Setup System Proposal	2017-02-28	2017-03-02	2
Identify User requirements	2017-03-02	2017-03-03	1
Identify required hardware and software	2017-03-02	2017-03-03	1
Setup project schedule	2017-03-03	2017-03-04	1
Conduct and document feasibility study	2017-03-03	2017-03-04	1
Create recommendations list	2017-03-04	2017-03-05	1
Identify appropriate methodology	2017-03-04	2017-03-05	1
Submit Deliverable 1	2017-03-09	2017-03-10	1
Setup designing documentation (visual and database design)	2017-03-20	2017-03-27	7
Create and implement database	2017-03-28	2017-03-31	3
Create website	2017-04-01	2017-05-01	30
Integrate website and database	2017-05-01	2017-05-03	2
Implement platform	2017-05-03	2017-05-06	3
Implement hosting platform	2017-05-06	2017-05-08	2
Create User Manual	2017-05-10	2017-05-15	5
Setup testing documentation	2017-05-20	2017-05-24	4
Conduct website and software tests	2017-05-25	2017-06-10	16
Submit Deliverable 2	2017-06-23	2017-06-24	1
Setup final demonstration and evaluation	2017-07-25	2017-07-26	1
Implement hosting platform	2017-07-26	2017-07-29	3
Submit Deliverable 3	2017-09-08	2017-09-09	1

C_ITEC301 – Deliverable 1

Gantt Chart

Task	Duration
Research possible companies to create e-commerce website for	
Conduct interview with client	
Obtain requirements and necessary information and document	
Setup System Proposal	
Identify User requirements	
Identify required hardware and software	
Setup project schedule	
Conduct and document feasibility study	
Creat recommendations list	
Identify appropriate methodology	
Submit Deliverable 1	
Setup designing documentation(visual and database design)	7
Create and implement database	
Create website	30
Integrate website and database	
Implement platform	
Implement hosting platform	2
Create User Manual	5
Setup testing documentation	4
Conduct website and software tests	16
Submit Deliverable 2	1
Setup final demonstration and evaluation	1
Implement hosting platform	3
Submit Deliverable 3	1

C_ITEC301 – Deliverable 1