

PROJECT PROPOSAL



FACULTY OF GEOMATICS
SABARGAMUWA UNIVERSITY OF SRI LANKA
P.O. BOX 02
BELIHULOYA 70140

Group B1

31.05.2016

Fully functional responsive website for a
Well established Surveying Company

Group B1 members

1	K.D.N.D Chandrarathne	12/SS/04	FG 580
2	E.M.R.D Ekanayaka	12/SS/09	FG 585
3	G.B.S.P Kumara	12/SS/23	FG 596
4	S. Narentheran	12/SS/30	FG 602
5	R. Pahirathan	12/SS/32	FG 604
6	W.M.H.C Prabath	12/SS/37	FG 608
7	R.M.S.A Ramanayaka	12/SS/41	FG 612
8	P.V.D Tharanga	12/SS/45	FG 616
9	S.Sano	12/SS/59	FG 629

1. Statement of objectives

a. A brief introduction of your proposed project?

This project is to develop a powerful yet very easy-to-use web site for a Surveying company. This would be helpful to store professional data collection and that enables users to gather high quality data and populate sophisticated quotas all of which can be interpreted instantly while carrying out survey project.

This would also work as ecommerce tool for relevant parties also use as online showroom for customers who are interested on buying equipment. Broadly speaking, this website emphasizes the generation and exploitation of new .business opportunities.

At present people are very busy with their daily schedules so that this website allows to communicate with the company conveniently.

b. Project Goals and objectives

Goals /objectives

- It leads to more effective performance i.e. better quality, greater customer satisfaction and better corporate decision making.
- Reduction of Marketing and Advertising Costs.
- Increase Visibility through Search Engine Marketing
- People can compare different products in same category.
- Allow the website itself to act as a data mining tool to improve company performance.
- Improve the brand image of company by providing exceptional customer care and services through internet.
- Allow the society create an account on website and share their views on field of surveying.

2. Scope Definition

a. Briefly describe the Scope of your project

General users

General users have the ability to visit website and compare various products which the company is going to sold and also this website provides full instrument specification. Also website provides full company overview for the general users.

General account holders

Have the privilege to apply for job opportunities under the careers section. Also they can upload their CV during the applying process. In addition to that Account holders will receive up to date company news, newsletters even job postings via email.

Existing clients and future clients

Existing clients have the ability to send an inquiry regarding any kind of clarifications or services. Also the future clients can ask any information regarding company services though a simple inquiry

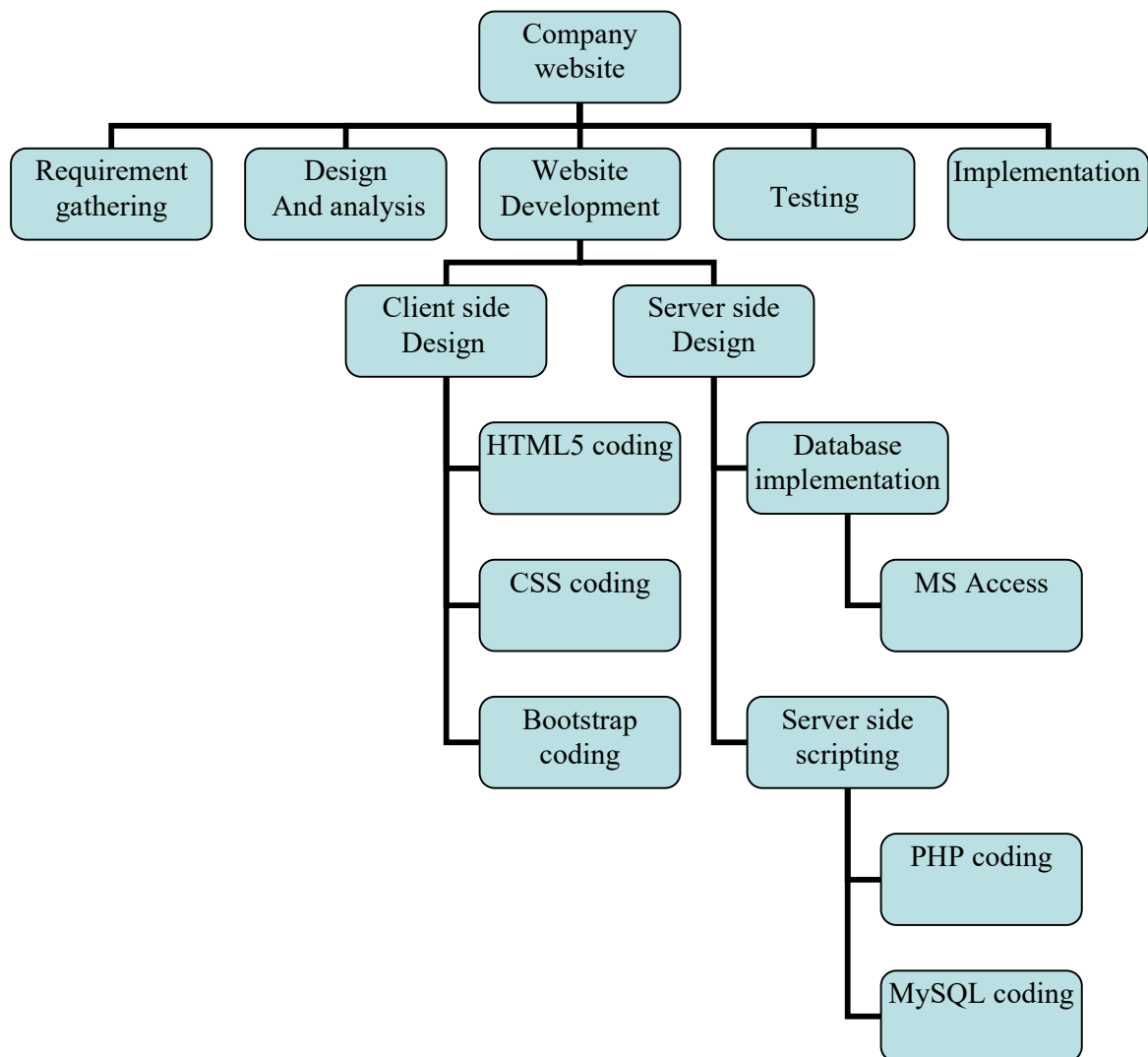
Company customer care division

This division will receive customer inquiries and they are assigned to reply them by using contact E-mail address or client's mobile number.

Website management unit

They have access to update web content. Such as job postings, product updates and also they have the ability to blacklist General account holders due to misuse of the account

b. Work breakdown structure.



c. List of deliverables

- a. Preliminary site architecture.
- b. Website design mockup.
- c. HTML / CSS Template creation.

d. Well established growth oriented Surveying firm.

- e. Resource requirements.

HTML/CSS

HTML is the main markup language for creating web pages. And other information that can be displayed in a web browser. Also is the set of markup symbols or codes inserted in a file intended for displaying on a web browser page.

Cascading Style Sheet (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language.

PHP

PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP code can be simply mixed with HTML code, or it can be used in combination with various modeling engines and web frameworks.

MySQL

MySQL is a database system used on the web. Basically a MySQL database allows you to create relational database structure on a web-server somewhere in order to store data or automate procedures. MySQL is what you hold all of your tables, PHP acts as your queries, and forms are basically web pages with fields in them. With all this combined we can create truly spectacular projects on the web.

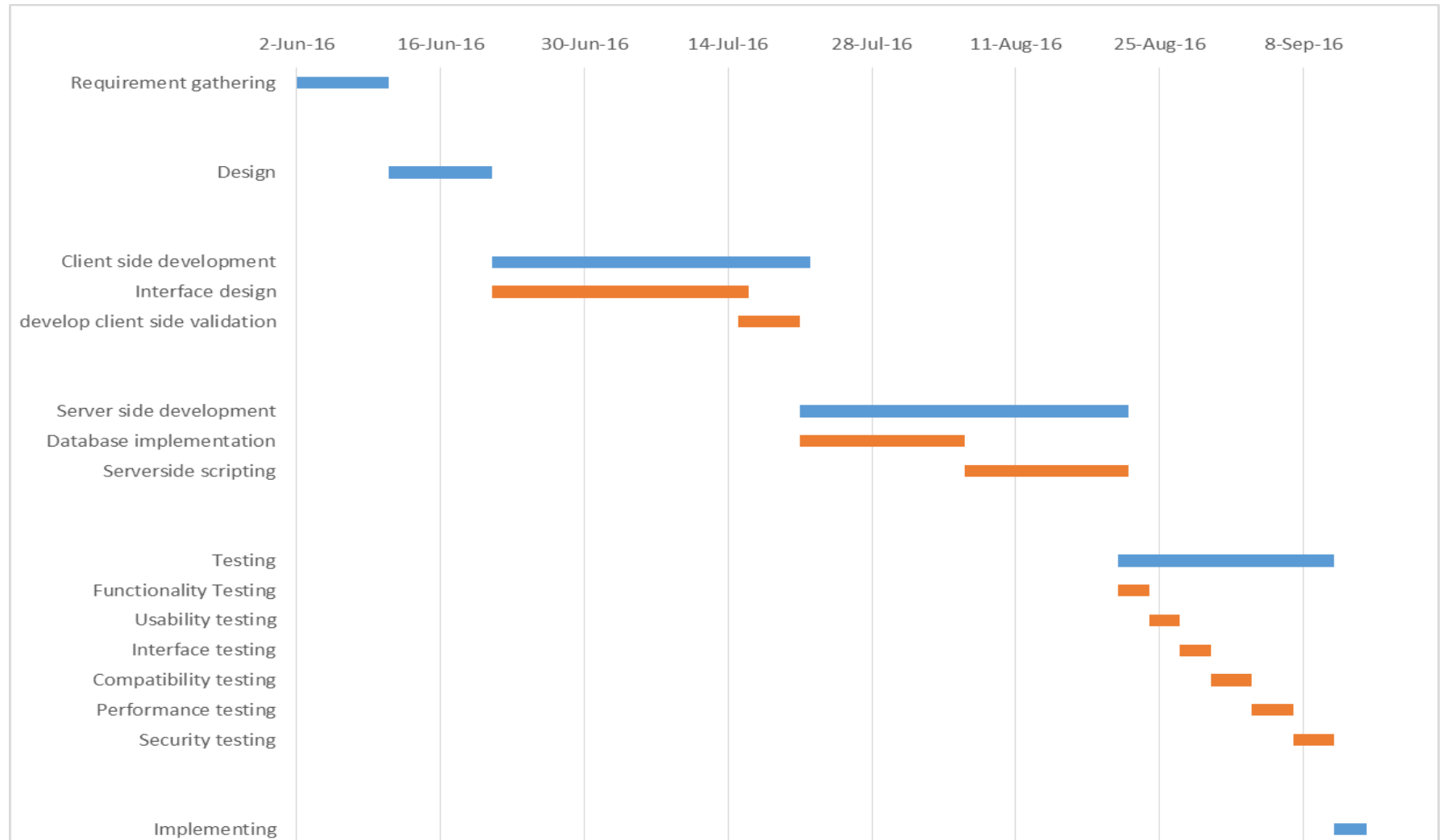
Wamp server

Wamp Server is a Windows web development environment. It allows creating web applications with Apache2, PHP and a MySQL database. Alongside, PHP MyAdmin allows managing databases easily.

Bootstrap

Bootstrap is a free and open source front end library for creating websites and web applications. It contains HTML and CSS based design templates for typography forms buttons navigation and other interface components as well as optional JavaScript extensions. It aims to ease the development as dynamic websites and web applications.

3. The work plan



4 Additional Information (only for clarifications)

.....

Signature of the group leader

Date:/...../2016

Project Description Form (Project Proposal)

6. Details of project supervisor(s):

Supervisor (Computer Staff)

Name : - Mr. A.A.C.N Atapattu

Designation : - Lecturer

Comment :-

Supervisor's Signature

Date:

Submit on or before 31st May 2016

