



REVISED SCOPE OF THE PROPOSED WEB BASED SYSTEM FOR UPALI BRASSWARE

SCS 2108 Programming IV

Name	Index Number
W.D.M Weerakoon	12001457
D.N.N Weerasinghe	12001465
M.S.U Weerasinghe (L)	12001473
M.A.D.N Weerasinghe	12001481
S.R Weerasooriya	12001491

Group 29

Proposed web based system for brassware business

(Upali Brassware)

Client Details

Business name: Upali Brass Ware

Client name: U.A. Upali Nawarathna.

The owner of the Upali Brass ware.

Tourist facility provider of Sri Lanka Tourism Industry.

Address: No 3/2, Kalapuraya, Naththarampotha.

Contact number: 0812420499, 0776910033

Email address: upalinawarathna35@gmail.com

Functional Requirements-Work Allocation

Functional Requirements	Responsible Group Member Name
I. Creating accounts for users	W.D.M Weerakoon.
II. View registered and non-registered users	M.S.U Weerasignhe.
III. Only the registered users of the system should be able to place order(s) of any available product	M.A.D.N Weerasinghe
IV. Registered users must be able to pay for the product(s) they ordered via electronic payment.	S.R Weerasooriya

V. Owner of the business should be able to post new items.	D.N.N Weerasinghe
VI. Owner has the ability to remove or notify any out dated or out of stock product(s) from the system	W.D.M Weerakoon
VII. Owner should be able to update the price of any product.	M.S.U Weerasignhe
VIII. Owner should be able to post new arrivals and their prices.	M.A.D.N Weerasinghe

Non-Functional Requirements-Work Allocation

Non Functional Requirements	Responsible Group Member Name
I. User friendly The system's look and feel should have a similar look to most common e-commerce web sites.	D.N.N Weerasinghe
II. Availability The web application should allow several sales to be made at the same time without downgrading performance.	W.D.M Weerakoon
III. Portability The web application should be able to render in any web browser including mobile devices.	M.S.U Weerasignhe
IV. Security Privacy level of the user should be high to prevent any kind of theft.	S.R Weerasooriya
V. Reliability All images must be high resolution and easy to load within small time period.	S.R Weerasooriya

VI. Multi-tasking Any number of separate purchases should be handled by the system at the same time.	M.A.D.N Weerasinghe
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Main deliverable of the system:

At the end of the project we are expecting to provide to the client a fully functional, user friendly web based system and system documentation along with the user's manual.

Implementation and Tools

Functionality	Tools Available	Selected Tools	Reason
Main website	Word press Joomla Drupal	Joomla	Joomla is a powerful content management system with Powerful Extensibility. It supplies quick and easy updates in web pages with protected content and consistent design.
Photo Gallery and other media	Flipping book, Fabrik , social media plugin, slideshow JQuery, All videos extensions , Juice box, jAlbum,RefineSlide,Photoswipe, Responsive Image Gallery	Flipping book, Fabrik, social media plugin, slideshow JQuery, Allvideos extenstions, RefineSlide,Photoswipe, Responsive Image Gallery	Ease of use, Have used before and suitable tools to enhance the quality of the web site. Combination of these tools will make it look different

Make online Reservation and Payments	Virtue mart Doteasy Checkfront CCnow SPG	Virtue mart , CCnow	Easy to handle , User friendly, Reliable
Security	BulletProof Security, Password protected, iThemes Security, Wordfence , Ksecurity,securitycheck,BTlogin	BulletProof Security Ksecurity,securitycheck,B Tlogin	High Effective, Reliable and Easy to use
Update the Database	PHP5 Oracle	Mysql	Free and open source DBMS