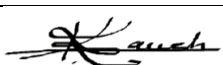


Cardiff Metropolitan University
B.Sc. (Hons) in Software Engineering
Assignment Cover Sheet

Student Details (Student should fill the content)				
Name	J.A.D.V.B. Jayasinghe			
Student ID	ST20187154 KD/BSCSE-CMU/01/01			
Scheduled unit details				
Unit code	CIS4004			
Unit title	Building for the web			
Unit enrolment details	Year	1		
	Study period	2020/21		
Lecturer	Gihan Herath			
Mode of delivery	Full Time			
Assignment Details				
Nature of the Assessment	WRIT1			
Topic of the Case Study	Design and develop an interactive web application for Wonderland theme park reservation system			
Learning Outcomes covered	LO1, LO2, LO3, LO4			
Word count	3200			
Due date / Time	2/19/2021			
Extension granted?	Yes	No	Extension Date	
Is this a resubmission?	Yes	No	Resubmission Date	
Declaration				
I certify that the attached material is my original work. No other person's work or ideas have been used without acknowledgement. Except where I have clearly stated that I have used some of this material elsewhere, I have not presented it for examination / assessment in any other course or unit at this or any other institution				
Name/Signature			Date	3/11/2021

Submission				
Return to:				
Result				
Marks by Assessor		Name of the Assessor		Agreed Mark
		Signature of the Assessor		
Comments on the Agreed mark				

CMU B.Sc. (HONS) BIS - ASSIGNMENT FEEDBACK SHEET -ICBT CAMPUS

STUDENT NAME: J.A.D.V.B. Jayasinghe		STUDENT NUMBER: ST20187154	
Module Number & Title: CIS4004/ Building for the web		Semester: II	
Assignment Type & Title: WRIT1/ Design and develop an interactive web application for Wonderland theme park reservation system			
For student use: <i>Critical feedback on the individual progression towards achieving the assignment outcomes</i>			
For the Assessors' feedback			
Indicate the Task number strength and Weaknesses and the marks for each task			
Task No/Question No	Strengths (1st Assessor)		

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J.A.D.V.B. Jayasinghe

BSc (Hons) Software Engineering

International College of Business and Technology

ST20187154

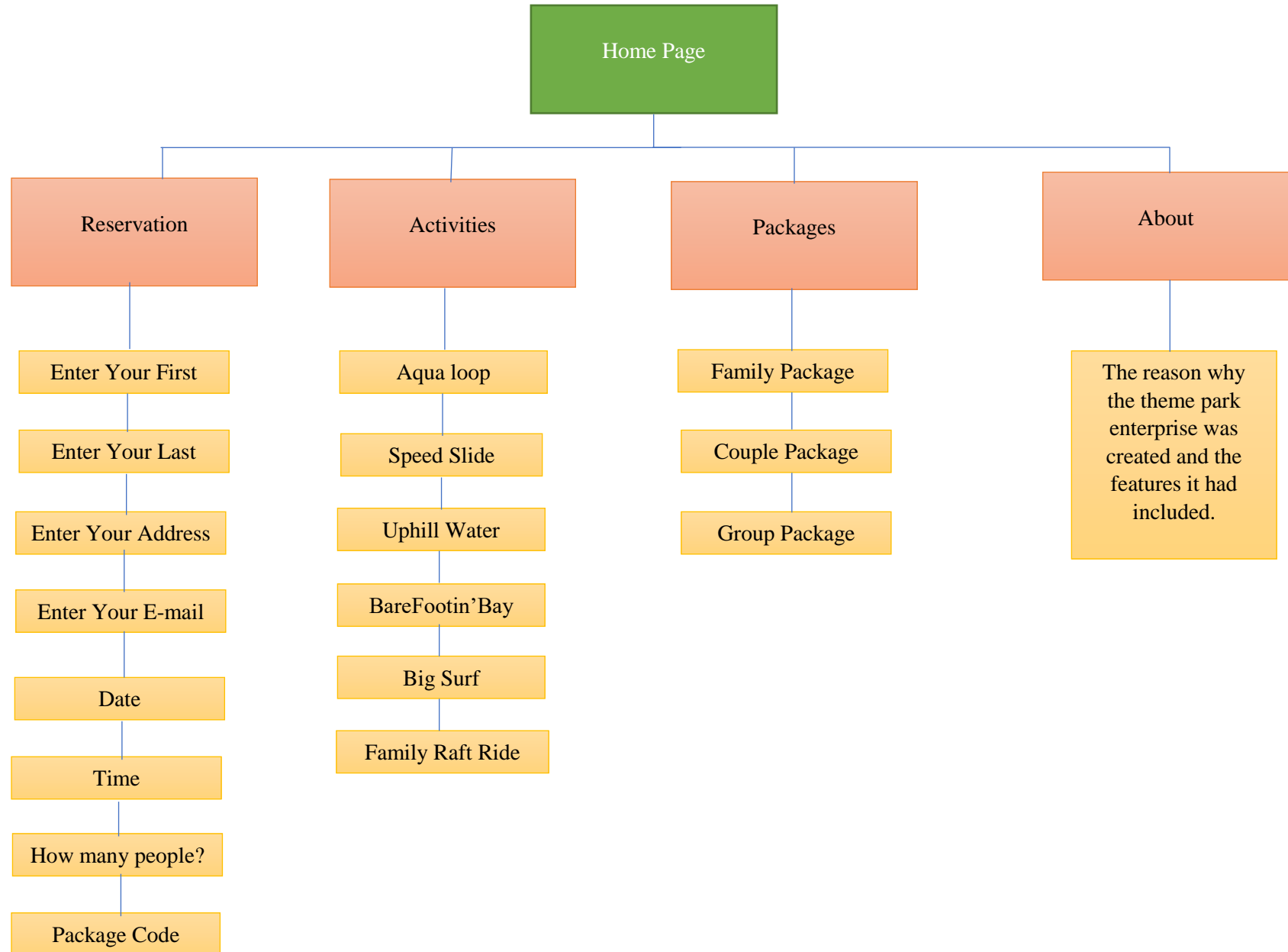
Introduction

Designing a Site frame and a Wireframe is very important when creating a web application. Site frame is designed for the community-based websites to effectively give a clear visual on the contents independent from their container. The Wire frame on the other hand gives a clear overview about the structure, the layouts, and the overall behavior in the website.

In this scenario the web application system for the 'Wonderland theme park' had mainly focused on the online registration and reservation on their site. But even though creating a web system without having any architectural design or a blueprint won't make it a complete web application system.

The Site map has been demonstrated at first and then the Wireframe has been explained accordingly.

Site map for the Wonderland theme park



Wireframe for the Wonderland theme park

Logo

Home

Reservation

Activities

Packages

About

The Slide show

Login Here!

Enter Your User Name

Enter Your Password

Login up

Click to Signup



Signup Here!

Enter Your User Name

Enter Your E-mail

Enter Your Password

Enter Your Home Address

Enter Your Contact Number

Sign up

Click to Login

Home Page

This is the Home interface of the ‘Wonderland Theme Park’ web application system. And in here there is the logo of the website in the left top corner and the navigation bar is placed in the right. In the navigation bar there is a Home, Reservation, Activities, Packages and a About bar. Then in the middle there will be a slide show with three images running. And then in the bottom the Login and the Sign-up forms will be created. Both of them are created in separate PHP files and successfully connects in to the MySQL Database.

When connecting to the Home page through the localhost it will automatically redirect into the Login page as it has been a provided a connection to it. The Login form includes two fields accordingly the User name and the Password. And it has a Login button to redirect to the Signup form or after Signing up it will auto redirect in to the Login page to make sure the user logs in. If the login information is not suitable or wrong an echo will display in the top left corner describing ‘the information is not valid’. If not, it will appear as ‘registered successfully’. After getting registered or signed up the user can Log in successfully giving the right credentials. If the succeeds getting logged in, in the left top corner an echo will display ‘Hello’ with his or her name following with a Logout button to get logged out from the system.

Logo

Home

Reservation

Activities

Packages

About

Reserve Here

Time Open

Monday-Friday

8am-5pm

Saturday and Sunday

8am-3pm

Contact Details.

First Name

Enter Your Name

Last Name

Enter Your Last Name

Address

Enter Your Address

Your E-mail

Enter E-mail

Date

mm/dd/yyyy

Time

00:00PM/AM

How many people?

1+ person

Package code

Book Now!

Reservation

In the second page the Html and the PHP file is created for the Reservation form and the PHP is connected to the MySQL database to store user booking data. In the Reservation form in left side the time and the days are allocated to demonstrate the opening and the closing times of the water park. And as for the data to enter accordingly, there is a field to enter the first name, second name, address, e-mail, date, time, number of people and for the package code. For each of those fields a data type has been given and a table was created in the database. The package code is taken from the Packages page which gives the users some exclusive offers and they must submit it in the package code field reserving a date.

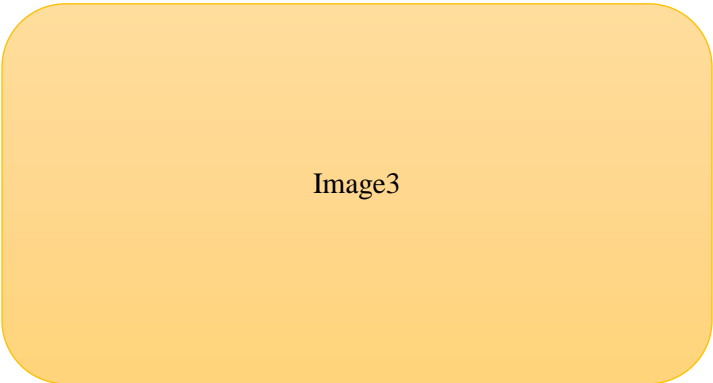
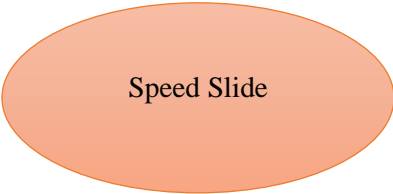
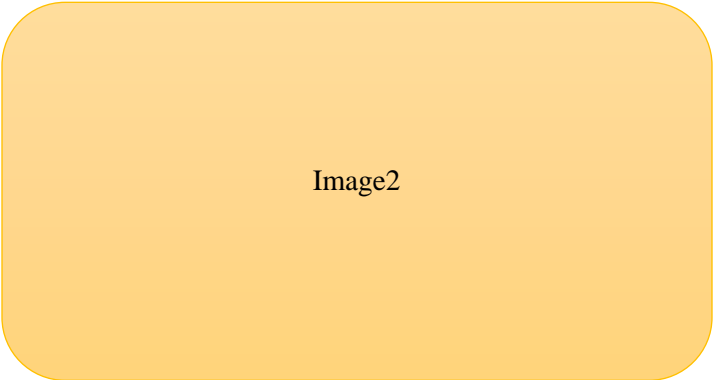
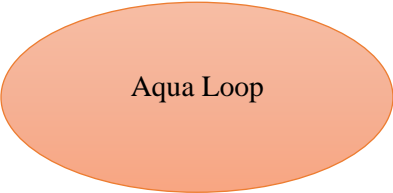
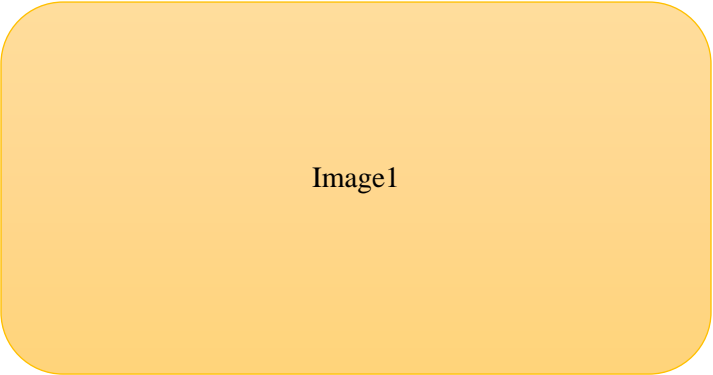


Image4



Barefootin' Bay

Image5



Big Surf

Image6



Family Raft Ride

Activities

These are the various activities that are included in to the Activities page accordingly. So, the image is about the Aqua loop and then there is Speed slide, Uphil Water Coaster, Barefootin' Bay, Big Surf and Family Raft Ride.

These are the main water activities in the 'Wonderland theme park' that are included to the interface of the Activities page. These were implemented to the html page by creating a 'div' class and inside that six boxes were included and the necessary CSS styles were implemented. And further the name board that was designed from the Photoshop CSS was included on the right side.



Logo

[Home](#)

[Reservation](#)

[Activities](#)

[**Packages**](#)

[About](#)

Family Package

Couple Package

Group Package

Packages

These are the three packages which was included to the Packages page. There is a Family package for the people who are married and have children. And then there is the Couple package for the ones who are living together and are not married. Lastly the Group package is included specially for the people who arrive as a group or friends. And each of these packages have a package code to enter when the user registers their account to the system. And that code will let them have exclusive offers and it will get expired soon if not entered on that period of time.

The packages were designed and styled from the Photoshop CSS and was implemented to the website giving proper CSS styles to make sure that they are attractive and clear for the user.

Logo

[Home](#)

[Reservation](#)

[Activities](#)

[Package](#)

[About](#)

A description about the 'Wonderland theme park' and the company's purpose with the features they have stored

About

In the About page a description has been added describing the purpose of the ‘Wonderland theme park’, and the features which have been built for their customers. And all the water plays areas such as swimming pools, water playgrounds, water slides, splash pads and as well as areas for bathing, floating, swimming, and other barefoot environments. Just to make sure that any person can enjoy and have fun in this amazing place.

The About page was created in a div class – container and styled from the CSS.

