




GRIFFITH COLLEGE DUBLIN

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Student number:	3104152					
Faculty:	Computing Science					
Course:	HDC			Stage/year:	1	
Subject:	Software Engineering for Web Application					
Study Mode:	Full time	<input checked="" type="checkbox"/>		Part-time	<input type="checkbox"/>	
Lecturer Name:	Gemma Deery					
Assignment Title:	Assignment 1					
Date due:	10/03/2023					
Date submitted:	17/03/2023					

Plagiarism disclaimer:

I understand that plagiarism is a serious offence and have read and understood the college policy on plagiarism. I also understand that I may receive a mark of zero if I have not identified and properly attributed sources which have been used, referred to, or have in any way influenced the preparation of this assignment, or if I have knowingly allowed others to plagiarise my work in this way.

I hereby certify that this assignment is my own work, based on my personal study and/or research, and that I have acknowledged all material and sources used in its preparation. I also certify that the assignment has not previously been submitted for assessment and that I have not copied in part or whole or otherwise plagiarised the work of anyone else, including other students.

Signed: 

Date: 17/03/2023

Please note: **Students MUST retain a hard / soft copy of ALL assignments as well as a receipt issued and signed by a member of Faculty as proof of submission.**

Remember indentation and commenting is required!

Introduction:

No matter if you are building a website, a web application, or a video game, we as developers work off designs that are often created by a designer ... These designs are usually wireframes. In this scenario I will be providing you with developed pages.

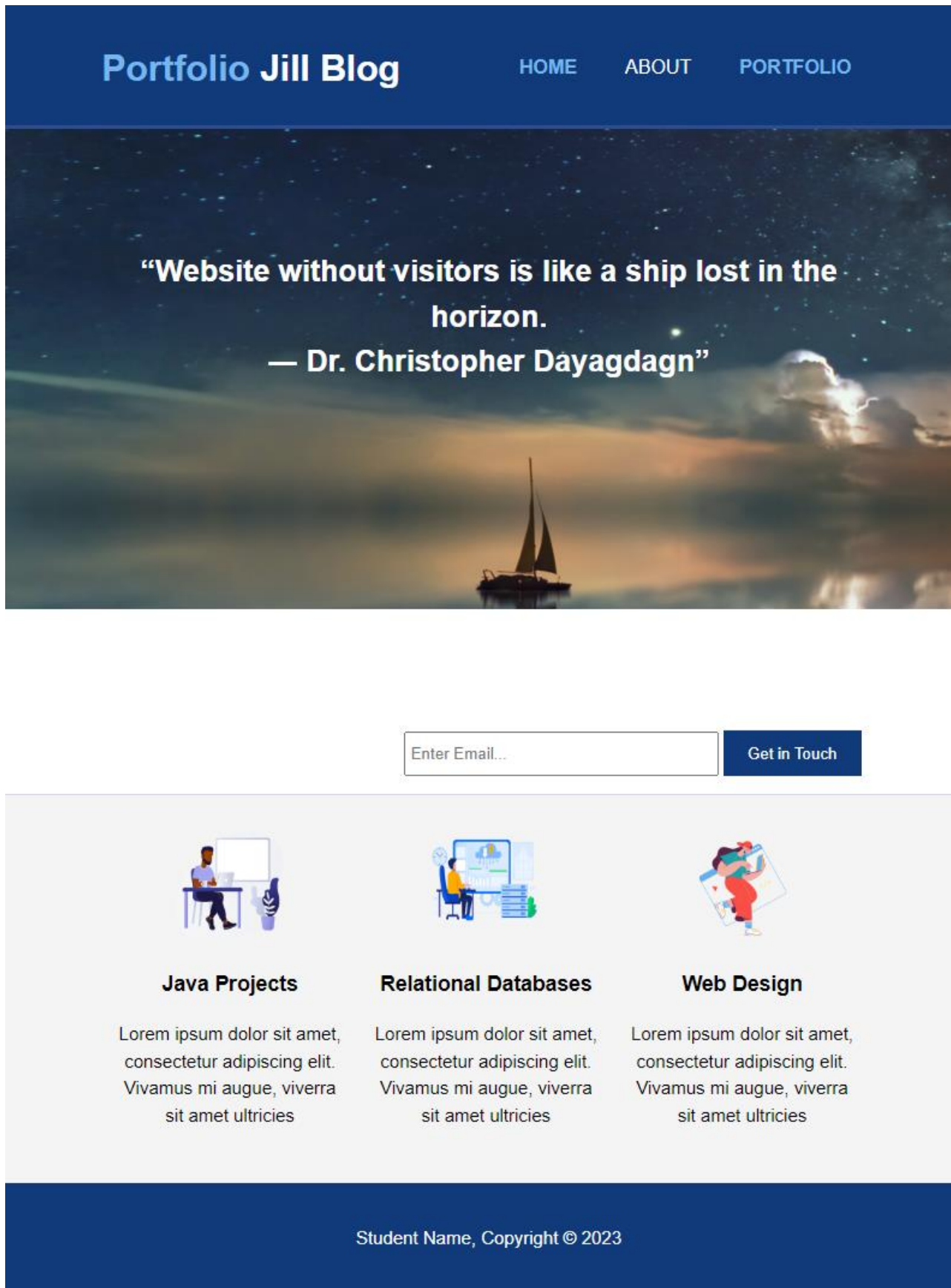
For this assignment, I am your designer. Attached to this assignment is a design. You are to recreate the designs as closely as possible.

Instructions

- Examine the provided designs.
- Create a valid HTML document.
- Create any CSS files that are needed.
- Create the web versions of the designs that are provided.
- Validate the HTML.
- Validate the CSS.
- When complete, the website should match the provided design as closely as possible.
- Comment all your code with meaningful comments (CSS and HTML)

Designs

Index.html



About.html

Portfolio Jill Blog

[HOME](#)[ABOUT](#)[PORTFOLIO](#)[Get in Touch](#)

THIS IS MY STORY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec varius auctor lacus nec feugiat. Phasellus sit amet ex ipsum. Praesent pharetra tincidunt tempor. Etiam velit eros, dapibus eget porta in, lacinia et magna. Nam eget eros non orci consectetur congue at ac augue. Proin eget arcu in enim feugiat ultricies. Curabitur maximus metus nec metus pretium viverra at et orci. Integer hendrerit ante ut placerat cursus.

Aliquam eget pharetra diam. Nulla placerat lorem at turpis tempor, vel ultrices dui tincidunt. Proin quis egestas lorem. Mauris vehicula lectus odio, sit amet dictum justo feugiat a. Praesent id dictum lacus. Sed ullamcorper id erat ut dictum. Fusce porttitor lorem sapien, in aliquet sapien convallis et. Donec nec mauris nulla. Curabitur cursus semper odio, et hendrerit ante. Nunc at cursus ante. Maecenas gravida ligula ut efficitur suscipit. Nulla id turpis varius, pretium nunc sed, fermentum sem. Sed lacinia nunc non interdum pellentesque.

What We Do

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Portfolio.html

Acme Web Design


HOMEABOUTPORTFOLIO

Enter Email...

Get in touch


Projects

Java Projects




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Relational Databases



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Web Design



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I'D LOVE TO HEAR FROM YOU

Name

Email

Message

Send

Student Name, Copyright © 2023

What do I submit?

1. Zip your website and rename it to your name and student number.
2. Submit the file on Moodle.

Tasks:

Generate the database and table as described below and answer the following questions about it

Task 1

Take screen shots of SQL DDL statement to create the schema

- a) Create a database called employee_management
- b) Create a table for employees that contains the following information:
 - EmployeeID:** primary key that is an integer and autoincrements
 - FirstName:** a string that is 30 characters in length
 - lastName:** a string that is 30 characters in length
 - DepartmentCode:** a string that is 10 characters in length
 - DepartmentName:** a string that is 30 characters in length
 - DepartmentBudget:** a number representing the budget of a department. Should have a default value of 15000.

(10%)

Task 2

Insert the following information into the database and take screen shots of commands used to insert them

employee				
Michael	Rogers	ITDep	IT	65000
Anand	Manikutty	ITDep	IT	65000
Carol	Smith	AccDep	Accounting	15000
Joe	Stevens	AccDep	Accounting	15000
Mary- Anne	Foster	ITDep	IT	65000
George	ODonnell	RecDep	Research	55000
John	Doe	HRDep	Human Resources	240000
Eric	Goldsmith	HRDep	Human Resources	240000
Elizabeth	Doe	ITDep	IT	65000
Kumar	Swamy	ITDep	IT	65000
Zacary	Efron	HRDep	Human Resources	240000

(20%)

Task 3

Try inserting Anne Foster into the database again with the same employeeid.

- a) Show the command used to determine her employee number and insert her into the database again.
- b) What happened and why?

(20%)

Task 4

this time try inserting Anne Foster into the database again but let the database assign her an employee id. Show the command used.

- a) What happened?
- b) Why is this a bad state for the database?

(10%)

Task 5

- a) What information is repeated in the table?
- b) How many pieces of information would have to be updated if the accounting budget changed from 15000 to 20000?

(20%)

Task 6

If you were to delete George ODonnell from the database what information would go missing from the database with her that the company would like to keep?

(20%)