

CTU-Buddy

CW412

Formative Assessment Paper 2

Faculty Name: Information Technology Qualification

Name: FET Certificate: Information Technology: System Development

Program Name: Programming Foundation

Module Name: Core Web Development Semester 1

Module Code: CWD412

Total Marks: 85

Examiner: Mr. Junior Manganyi

Resources Required: None

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Introduction

1. CTU-Buddy Purpose

The Primary Purpose is to Provide Information, Resources, and tools to the CTU students using this web page. Every Page on this website carries a certain purpose to make everyone's experience easier and more reliable. This website is very interactive and is a based community where the students can connect and work together.

CTU-Buddy makes learning accessible, engaging, and effective for all students.

2. Project Scope

Home Page:

- Needs Project Information, Website Information (About Features etc.) • Interactive Home Page with video, Pictures to make it lively and eye catching.
- Interactive Menu Bar leading to the Other Pages.

Timetable:

- Colourful Timetable with Information of class times, modules, days and activity (We chose PF First year Schedule).

- Interactive Menu Bar leading to the Other Pages.

Discussion:

- Chat Bar where they can submit questions or problems to the Staff of CTU.
- Interactive Menu Bar leading to the Other Pages.

Share Resources:

- Interactive Menu Bar leading to the Other Pages.

About Us:

- Information about the web browser and the functions.
- Information about the project.
- Interactive Menu Bar leading to the Other Pages.

Contact Us:

- Email, Phone Number, Social Media Links etc.
- Interactive Menu Bar leading to the Other Pages.

3. Project Members

Leandro de Sousa Vieira (20231148)

Eugene Du Plessis (20231231)

Thato Motebang (20230631)

Amore van der Westhuizen (20230624)

Tumelo Molelwa (20231415)

Boitumelo Maluleke (20231235)

This Project was equally divided among all the members of the group.

Leandro:

- Timetable Page
- SRS Document

Eugene:

- Share Resources Page • Merged All work into full code.
- SRS Document

Thato:

- Discussion Page

Amore:

- Home Page

Tumelo:

- Contact Page

Boitumelo:

- About Us Page
- SRS Document

Project Description

1. User Needs

Students Using this website need:

- Information: Users need up-to-date information about the services of CTU, Their study course or course information.
- Navigation: Easy Navigation menu to help them find the information they need.
- Security: Users need to feel secure with the website, website needs the appropriate security for all personal data to prevent hacking.
- User-Friendly Interface: An Interface that is easy to use and understand.

2. Project Goals

The goal of this Project is to:

- Access to high-quality educational content that is pertinent to users' needs and interests. This includes articles, videos, interactive lessons, quizzes, and other types of educational content.

- Engaging and encouraging users to participate with the content on CTU-Buddy that is both interactive and easy to use. This could include tools that make learning more interesting and pleasurable, such as discussion forums, interactive tests, and projects and quizzes.
- CTU-Buddy should be able to tailor the learning experience for each user depending on their interests, aptitudes, and learning preferences. This might entail delivering adaptive learning tools, measuring user progress, and making personalized content recommendations.
- Making education accessible to users regardless of their location or learning style.
- CTU-Buddy should build a community of users who can learn from each other and support each other.

3. Project Purpose

- To Improve the daily life of style of the CTU student. This web makes uploading projects, contacting staff, saving notes easier.
- To develop and explore a new styles, ideas, or processes on a student portal website.
- To improve efficiency of an online portal for users to use daily.
- To Build a website that will protect personal information, keep information secure and safe and to protect the information of CTU as a whole.

System Features and Requirements

1. Functional Requirements

- Navigation Menu: Clear and easy-to-use Navigation Bar that helps users look for the information they need.
- The Website should work well on different devices like Smart Phones, Tablets, Desktops, and laptops.
- Should be Accessible for all users no matter Location, Device and/or Disability.
- The website should be easy to read and understand.
- Should have Contact info of CTU staff like phone numbers, help websites and email addresses.
- Users should be able to ask questions or leave feedback about the CTU-Buddy website functionality.

2. System Features

The CTU-Buddy website should be easy to use and understand for all users.

- Navigation Menu Bar.
- Timetable (for students)
- To do List (That can be checked off)
- Chat box for queries or feedback which will upload to Staff computers.
- Links that will take users to websites, Emails.
- Upload Box for when students upload documents or projects.

3. Project Planning

- Each Member will have a page they need to Code and Design.
- Html, Css, And Js should be used.
- Research for design should be done and discussed upfront.

Completed Declaration of Authenticity

I [**name**] hereby declare that the contents of this assignment is entirely my own work except for the following documents: (List the documents and page numbers of work in this portfolio that were generated in a group)

Activity	Student Name	Student No.	Date
Home Page	Amore vd Westhuizen	20230624	15/09/2023
About Us Page	Boitumelo Maluleke	20231235	15/09/2023
Contact Us Page	Tumelo Molelwa	20231415	15/09/2023
Discussion Page	Thato Motebang	20230631	15/09/2023
Time Table Page	Leandro de Sousa Vieira	20231148	15/09/2023
Share Resources Page	Eugene Du Plessis	20231231	15/09/2023

Date: 15/09/2023