INF\$13292代到從的iosd编程P輸导ct

Overview

1. The individual project is intended to evalution course.

2. In general, this project includes a **project** up sessions based on academic merit.

in designing and developing WIS, with an emphasis on the technology aspect of the

and implementation (40 marks) that will be assessed in THREE milestone check-

- 3. THREE project topics in **Table 1** have been a substituted by the student needs to be approved by the teaching team.
- 4. The proposal needs to be submitted online in Blackboard and will be tested against the Turnitin system for a plagiarism test. For details of the proposal, please refer to **Appendix I**. **VeChat: CSTUTORS**
- 5. The general technical requirements are listed in **Table 2**, please make sure you carefully read them through and feel free to ask questions to your tutor.
- 6. The features that require to be implemente Ars steamente Mt group of the delinatures p
 - a. The ungraded features include all the core features that have been covered and practised in the practical sessions. They are the core of your web project, but they will be NOT graded.
 - b. According to the workload and complex to the graded Confire Saledivide Intelligible Confire
 - c. In each code check-up session (milestone 2 or milestone 3), only 20-mark features will be assessed and recorded. Any feature(s) that result in exceeding 20 marks will not be (valuated in this eleck up) ession
 - d. Similar features will be assessed as one feature.
 - e. More specific implementation details can be found in Appendix II.
- 7. The entire project will be assessed at THR his prince to be found in Table 3.
- 8. All the submissions, including the proposal and source code, will be uploaded online to the Blackboard system. Any extension request must be made at least TWO business days before the due date via mySI-net. For details about late submission, please refer to the items in Sec 5.3 in ECP.

Table 14 Three presentined projects and their respective features.

Projects	Description The CS 477	Desired Features
Online learning system e.g.: learn.uq.edu.au or www.coursera.org	An online learning platform is a web-based virtual learning environment and lea system that allows the educator to upload le students/learner to view and download content	 Upload/Download video/pdf files. Write descriptions and add tags. Add comments. Like the video/pdf files. Add to collection. Shares video/pdf files. Pay for the courses. Search for course (with filtering). Enrol a course (notification mechanism)
Online discussion forum e.g.: edstem.org/au or piazza.com	An online discussion patform is a learning management system that allows students to ask questions in a forum-type format. Instructors can moderate the discussion, along with endorsing accurate answers. Assignment Project Email: tutorcs@163	 Post a question (in a particular category) Rank answers Search for questions Reply and Rating answer Reply and Rating answer Reply and Rating answer Bookmark/pin a post Send Message/ Message Box
Scientific data exploration system e.g.: rawgraphs.io	A scientific data exploration system is a web-based platform designed to assist researchers in exploring and analyzing large, complex data sets in various orientific throughout partial data as an example, such a system allows users to generate graphic representation of literature medical data. https://tutorcs.com	 Search literatures based on keywords/ratings Conditional search, e.g., year, venue, journal Visualize search results using graphical visualization, e.g., word cloud Export visualization results to PDF file Donation to support the website, e.g., PayPal Add comments/bookmark a paper Share paper to other users through internal mail Subscribe author

Table 2: Technical requirements for the project

Tech Requirements	在方面的 Description	Details
Use client-side technologies to develop the front end of your web application.	Client-side technologies are software technologies that run on the client-side or plication. These technologies are executed by a plication. These technologies are eresponsible for displaying and manipulating technologies provide a rich provide a	You are free to utilize any client-side technologies of your choice for developing the front-end web pages. It is important to note that this item is not graded, but exceptional front-end design will be taken into consideration as a merit factor in the student competition.
Use server-side technologies to develop the back end of your web application.	Server-side technologies are software technologies that run on the server-side or back-end of a web application. These technologies are responsible for processing requests from the client-side, generating dynamic content, and communicating with databases and other resources. Server-side technologies are important in web development because they enable the processing of data and information in a sexpectage representation from the client-side, generating dynamic content, and communicating with databases and other resources. Server-side technologies are important in web development because they enable the processing of data and information in a sexpectage representation. Such as the content of the client-side, generating dynamic content, and communicating with databases and other resources. Server-side technologies are important in web development because they enable the processing of data and information in a sexpectage representation. Such as the content of the conten	side technologies for back-end development, it is recommended that you use PHP and CodeIgniter as the server-side scripting language and framework. It should be noted that other solutions may receive limited support from the teaching fram in the specific requirements can be found in
Adopt a design patten in your project development.	An architectural pateril is Lucredi, Craudie souton Cto II commonly occurring problem in software architecture within a given context. Architectural patterns are similar to software design pattern but have a broader stope. Representative pattern include Modelview-controller pattern (MVC), three-tiered pattern, etc.	It is recommended that you use the MVC pattern for your project implementation, but you have the option to incorporate other design patterns, such as the three-tiered pattern. Please note that failure to identify any pattern in your project will result in a zero mark.
Deploy the web in cloud (UQCloud Zone, GCP, AWS, etc.)	UQcloud is the typersity to the type of services to support teaching, research, and administration activities. UQzone is a part of the UQcloud platform that provides students with access to various	It is strongly recommended that you utilize your UQCloud zone to deploy your web project, although deployment on other popular public cloud platforms, such as AWS, GCP, or Azure, is

online services including tearning menastructurent systems statent is a comparable. It is important to note that email, and online resources. developing solely in a local environment without deploying in the cloud is not permissible and will result in a grade of zero. Implement desirable features ning technique that enables the Server-side sc Beside the core features (ungraded), your project ges by executing scripts on the w.r.t. the selected project (the server to prod will have features that can be grouped into three lient sends a request to the last column in Table 1). server side. In levels: basic, intermediate, and advanced. The generating and sending the basic, intermediate, and advanced features will (in Appendix I) server, and the Implement basic and advanced requested web he server-side script can access be assessed according to the marking criteria in databases, file systems, or other features (in Appendix II) Appendix II. You must demonstrate the servers, to generate the output. Common server-side scripting implemented features twice, in Milestone 2 and languages include PHP, Java, Python, and JavaScript. The Milestone 3 checkups, with each demonstration functions implanted by server side scripting on the server side being capped at 20 points. You have the include the following types: handling user requests, generating freedom to combine features whose points add dynamic content, interacting with databases, handling up to 20 in each checkup. authentication and authorization, providing APIs, etc. Generally speaking, server size in the mentitual rope of the Xam Help dynamic web content, data storage, and access control on the server-side.

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, Table 3. Project's Timeling > 10 k# E Description Milestone It is important to note that the proposal should be implemented in the The deadline for submitting the proposal is 4 pm on First checkup Friday 24 March 20 eek 5. The following milestones and deployed on UQ Zone. Failure to adhere to check-up session w this may result in a lower grade. Any major differences between the proposal and the implementation may also result in a lower grade. The details of the proposal and the marking criteria can be found in Appendix I. The deadline for su Second checkup You are required to implement features with a total of 20 points. It Milestone II is 4 pm on Friday 28 April 2023, which should be noted that any feature(s) that result in exceeding 20 points falls in Week 9. The check-up session will start in will not be evaluated in this checkup. Week 10. WeChat cstutores Third checkup For the last checkup, you must implement an additional set of The deadline for submitting the source code for Milestone III is 4 pm on Friday 19 May 2023, features that are worth a total of 20 points. However, it is important to pote that any features exceeding 20 points will not be evaluated in which falls in Week A. The chock-up resign will start in Week 13. this checkup. These extra features will still be considered in the student competition based on their levels of difficulty and originality.

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Appendix I. Individual Proj程序晚夕代做 CS编程辅导 Proposal (5 marks)

A project proposal is a pre-project document in the project document in the pr

- Objectives: You are required to plan a national components of your project. You need to outline the desirable features (e.g., interactions with users, certain online business transactions, or special interactive visual effects) that you will implement. You may use the example feature table in the project specifications as a reference. (2 marks)
- UI/UX Design: You should include a clear depiction of the main flows and functions of your project. You can use wireframes or mockups to demonstrate the main pages, which can be created by dand crusing the Delic frame tools. (2 marks)
- Timeline: You are required to outline the major deliverables for each milestone. (0.5 marks)

Assignment Project Exam Help

Submission:

Your proposal must be submitted as a PDF on Blackboard by t put on Friday (2) Mary 12023 (1) 1996k 5.

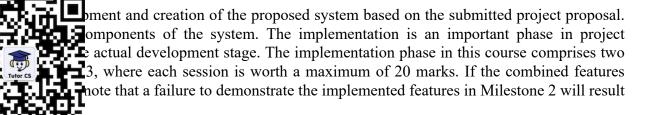
Marking Criteria:

The proposal will be evaluated based on the following eritoria: 9389476

- Completeness: The proposal must provide enough information about the type of application that will be developed, the technology to be used, and the business function to be implemented.
- Soundness: The proposal should explain the transping behind the presign companents such as front-end elements, project structure, visual effects, interactive functions, and scripting language techniques.
- Adaptiveness: Your proposal must detail the deployment environment for the project and address the technical challenges associated with implementing the application.

Appendix II. Project Implementation (40 marks) Septimentation (40 marks)

The implementation phase of a project involv This phase includes coding, testing, and in development as it brings the project from the milestone check-up sessions, namely Milesto exceed 20 marks, the score will be capped at 2 in a score of zero.



Technical Requirements:

- It is expected that you complete the assignment independently. The use of generative AI tools like ChatGPT during any implementation phase is prohibited. The use of popular libraries is permitted, provided that you have a thorough understanding of the functionality of each feature implemented in your project. It is crucial to acknowledge the tutor and reference any libraries used in the source code's comment section. If you cannot explain the code to the tutors, you may lose marks.
- You must deploy your project to a remote Sirstre pluncant zone representation of the future of the fitting the position of the fitting the position of the fitting the position of the future of the fitting the position of the future of the fitting the position of the fitting the p
- Your project must follow a design architectural pattern, such as MVC or 3-tier architecture, which includes communication between front-end, back-end, and database components.
- It is mandatory to implement all core teatures will not be graded since they are mainly covered and practised in practical sessions. However, please note that the core features will not be graded since they are mainly covered and practised in practical sessions.
- The graded features are categorized into basic (2 marks each), intermediate (3 marks each), and advanced (4 marks each) levels, and you have the flexibility to choose the combination of features to choose the combination of the choose the choo
- Each Milestone check-up session assesses the implementation for up to 20 points, so it is important to select features strategically. You cannot accumulate all the 40-point features in the final assessment milestone. If you fail to demonstrate the 20-point features in Milestone 2, your score in Milestone 3 will be capped at 20 points.
- Note that each feature will only be marked approximately considered as one feature due to their similarities in implementation.

Table 4, Feature groups Core features (compulsory but ungraded)

the username is not registered in the database or if the password is incorrect).

file/logout button should appear only when the user has logged in).

ST, PUT, etc.) for client-server communication.

1. Login

- Server-side validation is required (e.g.,
- Each page should reflect the user's logi
- Some content should only be visible to
- Choose an appropriate HTTP request m
- 2. Registration
 - Username and email address should be
 - Password strength should be checked
 - The registered user data should be saved in the database.
 - Choose an appropriate HTTP request method (e.g. GET, POST, PUT, etc.) for client-server communication. User Profile
- 3. User Profile
 - Create a user profile interface that is only accessible when the user has logged in.
 - All the user's information should be fetched from the database.
- 4. Cookies

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- 5. AJAX
 - Use AJAX in at least one of the features you implemented. Tutorcs@163.com

Basic features (2 marks each)

- Remember me: retain the user's login details we hafter the session expired.
- Maintain scroll position of large HTML page when client return
- Continuously loading data when scrolling
- Favorites or rating
- Search box autocompletion
- Adding course (e.g., events, goods, pictures)

● Writing comments/reviews 程序化层化做 CC 稳铝 锚 呈				
● Writing comments/reviews 程序代写代做 CS编程辅导 ● User profile updating (e.g., email, phone number)				
 Display the user's current location on a map 				
■ Image processing (e.g., resize, compress and mages)				
Third-party API integration (e.g., sending atone number using SMS API)				
Basic file uploading: (e.g., profile image, for the first state with the file)				
Using drag and drop to choose files for uplo basic file uploading)				
The Control of the Co				
• Multiple files uploading at the same time (p				
• Web Security (e.g., captcha, password encry 3)				
Online Payment Integration (e.g., PayPal, Surpe)				
• Image and PDF Manipulation (e.g., sending receipt)				
• Others at the same difficulty level WeChat: cstutorcs				
Wechat. Estatores				
Intermediate features (3 marks each)				
• Item Searching (e.g., images, meals or items, depending on the Project Exam Help				
O Each resulting search item should contain a link that redirects to a detailed page				
• Email Verification				
O After registration, an email should be sentitudil iser truttoir Crosi and 163.com				
O This feature could be implemented using a random token or a verification code.				
O The user should be able to see the verification status, i.e. email verified or not.				
 ○ The user should be able to see the verification status, i.e. email verified or not. ● Forgot Password ○ 749389476 				
O Take account of security concerns.				
O This feature could be implemented using reset tokens or secret questions				
 Shopping Cart/Wishlist/Calendar https://tutorcs.com 				
O The information should be stored in the database				
O Users should be able to add and remove items from the cart/wish list/calendar.				
● Others at the same difficulty level				

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Advanced features (4 marks each)

- Data Mining (e.g., association rule mining)
- Management Dashboard (statistical informa
- Push Notification (e.g., when the item is sol
- Recommendation Algorithm (statistic based
- Computer Vision Algorithm (e.g., detecting
- Real-time Chatbot (self-implemented)
- Others at the same difficulty level



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