Time left 1:48:51

Question **6**

Not yet answered

Marked out of 9.00

The E-Learning Platform (ELP) is designed to facilitate online learning by providing a robust system for course management, student enrollment, content delivery, assessments, and progress tracking. The system should be accessible via web and mobile devices, ensuring an engaging and interactive learning experience.

[   ] :

- Users must be able to register, update, and delete accounts.
- Admins should have the ability to approve or deactivate user accounts.
- Role-based access control must be implemented.

[   ] :

- Instructors should be able to create, edit, and delete courses.
- Courses should support multiple content formats (video, text, quizzes, assignments).
- The system should track course completion and student progress.

[   ] :

- Cloud-based infrastructure for accessibility.
- Secure database storage for course content and user data.
- Role-based access control (RBAC) for different user types.
- API integration with video conferencing tools.
- Automated grading and certification issuance.

[   ] :

- The system should support quizzes, assignments, and exams.
- Instructors should be able to manually grade assignments.
- Automated grading should be available for multiple-choice assessments

[   ] :

- User data should be encrypted at rest and in transit.
- Two-factor authentication should be required for admins.
- The system should log all access and modifications.

Security Requirements	Performance Requirements	User Management	Compatibility Requirements
System Features	Course Management	Availability Requirements	User Roles
Operational Constraints	Assessment and Grading		

Question **7**

Not yet answered

Marked out of 12.00

Suppose that you have the following dataset. In this task you're going to analyze categorical variables, namely standard error, 95% CI using t-distribution and Entropy Measure for Categorical Diversity. Please read carefully attached methodology and by using Python find an answer for the following questions:

Income Level	n	Estimated Proportion (up to 2 digits)	Standard Error (up to 3 digits)	95% CI (t-distribution) (up to 3 digits) lower and upper	Entropy Measure (up to 3 digits)
Middle	☐☐ ☐	☐☐☐	☐☐☐☐☐	☐☐☐☐☐ and ☐☐☐☐ ☐	☐☐☐☐ ☐
Low	☐☐ ☐	☐☐☐☐	☐☐☐☐☐	☐☐☐☐☐ and ☐☐☐☐ ☐	
High	☐☐ ☐	☐☐☐☐	☐☐☐☐☐	☐☐☐☐☐ and ☐☐☐☐ ☐	

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | , |

Question **8**

Not yet answered

Marked out of 9.00

In this question you can see 1 code example that incorporate different naming conventions(see attached document). Please match variables' name with correct naming conventions.

private int intEmployeeID; ☐

public Employee(int employeeID, String firstName, String lastName, String ssn, Date dob, String pin) ☐

public void setEmployeeID(int employeeID) { this.intEmployeeID = employeeID; } ☐

private String strDepartmentName; ☐

private String strCEO; ☐

private String strCTO; ☐

public void AddDepartment(Department department) ☐

| Acronym | Hungarian | Pascal |

Question **9**

Not yet answered

Marked out of 9.00

This question is related to Software Testing. Please read carefully attached document, and define correct Test case type.

A   Choose...

B   Choose...

C   Choose...

D   Choose...

Question **10**

Not yet answered

Marked out of 10.00

In attached document you will have 2 examples of written codes. Please read carefully, if it is necessary you can run a code and specify for each case (bug problem or Ok case).

A   Choose...

B   Choose...

C   Choose...

D   Choose...

E   Choose...

F   Choose...

G   Choose...

H   Choose...

I   Choose...

J   Choose...

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Jump to...