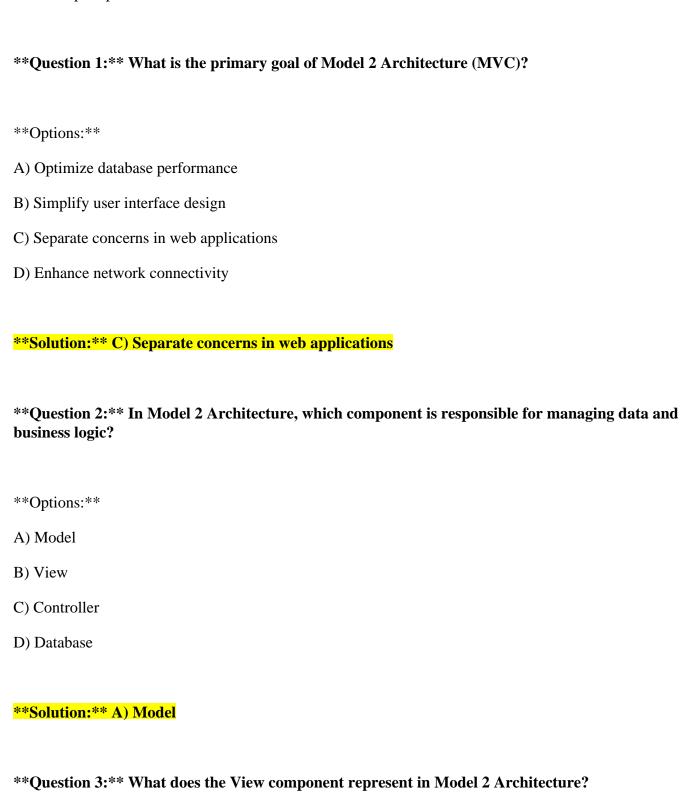
40 Lecture - CS506

Important Mcqs

Sure, here are 10 multiple-choice questions (MCQs) related to Model 2 Architecture (MVC) with solutions and multiple options:



Options:
A) Data and logic handling
B) User interface presentation
C) Application flow control
D) URL routing
Solution: B) User interface presentation
Question 4: Which component handles user interactions and communicates between Model and View in Model 2 Architecture?
Options:
A) Model
B) View
C) Controller
D) Middleware
Solution: C) Controller
Question 5: What benefit does Model 2 Architecture offer for web application development?
Options:
A) Faster database queries
B) Complex user interface design
C) Separation of concerns for improved maintainability
D) Direct interaction with hardware devices
Solution: C) Separation of concerns for improved maintainability

View?
Options:
A) By directly accessing the Model's data
B) Through direct modification of the View's UI elements
C) By handling user interactions and coordinating actions
D) By managing database connections
Solution: C) By handling user interactions and coordinating actions
Question 7: Which component of Model 2 Architecture is responsible for rendering HTML and displaying data?
Options:
A) Model
B) View
C) Controller
D) Stylesheet
Solution: B) View
Question 8: How does Model 2 Architecture contribute to code reusability?
Options:
A) It eliminates the need for a database
B) It centralizes all code in a single component
C) It isolates different application concerns for modular development
D) It simplifies user interface design

Question 9: What role does the Controller play in Model 2 Architecture?
Options:
A) Managing data storage in the Model
B) Handling user interactions and application flow
C) Rendering data in the View
D) Controlling user authentication
Solution: B) Handling user interactions and application flow **Question 10:** What purpose does Model 2 Architecture serve in web development?
Options:
A) To create complex UI animations
B) To replace server-side scripting languages
C) To enhance database query performance
D) To organize and separate components for scalable web applications
Solution: D) To organize and separate components for scalable web applications

Solution: C) It isolates different application concerns for modular development