



Başlangıç Cumartesi, 9 Aralık 2023, 1:00 ÖS

Durum Biten

Tamamlanma Cumartesi, 9 Aralık 2023, 1:08 ÖS

Geçen süre 8 dk 36 sn

Not 10,00 üzerinden **10,00 (100%)**

Soru **1**

Doğru

1,00 üzerinden 1,00
notunu ver

Architectural design is concerned with understanding how a software system should be organized and designing the overall structure of that system.

Birini seçin:

- ☒ Doğru ✓
- ☐ Yanlış

Doğru cevap 'Doğru'.

Soru **2**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following architectural pattern is most appropriate when there are multiple ways to view and interact with data?

- ☐ a. repository
- ☐ b. layered
- ☐ c. client-server
- ☒ d. Model-View-Controller ✓
- ☐ e. pipe and filter

Cevabınız doğru.

Doğru cevap:

Model-View-Controller

Soru **3**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is not an advantage of explicit architecture?

- ☒ a. Helps to develop the system in shorter time ✓
- ☐ b. Stakeholder communication
- ☐ c. Large-scale reuse
- ☐ d. Analysis of whether the system can meet its non-functional requirements is possible



Cevabınız doğru.

Doğru cevap:

Helps to develop the system in shorter time

Soru **4**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is not an architectural design decision?

- ☐ a. How should the architecture of the system be documented?
- ☐ b. What architectural patterns or styles might be used?
- ☒ c. Who will design the user interface? ✓
- ☐ d. How will the system be distributed across hardware cores or processors?
- ☐ e. What architectural organization is best for delivering non-functional requirements of the system?

Cevabınız doğru.

Doğru cevap:

Who will design the user interface?

Soru **5**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is not an architectural view?

- ☒ a. Security ✓
- ☐ b. Physical
- ☐ c. Process
- ☐ d. Development
- ☐ e. Logical

Cevabınız doğru.

Doğru cevap:

Security

Soru **6**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is an disadvantage of the MVC pattern?

- ☐ a. Allows the data to change independently of its representation and vice versa.
- ☐ b. Can be used when the future requirements for interaction and presentation of data are unknown.
- ☒ c. Can involve additional code and code complexity when the data model and interactions are simple. ✓
- ☐ d. Supports presentation of the same data in different ways with changes made in one representation shown in all of them.



Cevabınız doğru.

Doğru cevap:

Can involve additional code and code complexity when the data model and interactions are simple.

Soru **7**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is the main disadvantage of the repository pattern?

- ☐ a. Distributing the repository across several computers may be difficult.
- ☒ b. The repository is a single point of failure so problems in the repository affect the whole system. ✓
- ☐ c. There may be inefficiencies in organizing all communication through the repository.

Cevabınız doğru.

Doğru cevap:

The repository is a single point of failure so problems in the repository affect the whole system.

Soru **8**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following is a potential disadvantage of the client-server model?

- ☐ a. Servers can be distributed across a network.
- ☐ b. General functionality (e.g., a printing service) can be available to all clients.
- ☒ c. Performance depends on the network as well as the system. ✓

Cevabınız doğru.

Doğru cevap:

Performance depends on the network as well as the system.

Soru **9**

Doğru

1,00 üzerinden 1,00
notunu ver

Which of the following architectural pattern is most appropriate to use in data processing applications?

- ☐ a. client–server
- ☐ b. repository
- ☒ c. pipe and filter
- ☐ d. Model-View-Controller
- ☐ e. layered



Cevabınız doğru.

Doğru cevap:
pipe and filter

Soru **10**

Doğru

1,00 üzerinden 1,00
notunu ver

An architectural pattern is a stylized description of good design practice, which has been tried and tested in different environments.

Birini seçin:

- ☒ Doğru ✓
- ☐ Yanlış

Doğru cevap 'Doğru'.

