

Congratulations! You passed!

TO PASS 100% or higher

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GRADE
100%

Requirements vs Specification

TOTAL POINTS 6

1. Which of the following are true about requirements and specifications? (Choose all that apply) 2 / 2 points

☒ Requirements are for users; specifications are for developers.



Correct

Great!

☒ Requirements shall be written in the user's language; system specifications shall be written in the system language.



Correct

Great! We write both of them in natural language so they can easily be reviewed by our non-technical stakeholders (customers/users/management). However, we write the requirements in terms of the user because we focus on defining the problem/need rather than the solution. We write the system specifications in terms of the system as it describes how the system will satisfy the user's need (the requirements) and defines the interfaces between users and the system.

☒ Specifications shall meet the requirements.




Correct

Great! Specifications describe how the system meets the requirements and must, therefore, provide a solution for the problem/need described by the requirements (i.e., it should meet the requirements).


☐ Requirements call for specification-level refinement.

2. The following are the requirements and specifications of an online banking service. Which of the following can be categorized as (user) requirements? Select two. 2 / 2 points

- ☐ Activate a login session when a user logs in, and maintain the session for 60 minutes unless the user who logged in had remained inactive for more than 120 seconds.
- ☒ A user shall be able to use the online banking system securely.


 **Correct**
Yes.

- ☐ At the time a query is made to check the current balance of a checking account, the owner of the checking account shall be logged in.
- ☒ The user shall be able to check the current balance of the checking accounts that he/she own.

 **Correct**
Yes.

3. The following are requirements and specifications of an online banking service. Which of the following can be categorized as system specifications? Select two. 2 / 2 points

- ☒ Activate a login session when a user logs in, and maintain the session for 60 minutes unless the user who logged in has been inactive for more than 120 seconds.

 **Correct**
Yes.

- ☐ The user shall be able to check the current balance of the checking accounts that he/she own.
- ☒ At the time a query is made to check the current balance of a checking account, the owner of the checking account shall be logged in.

 **Correct**
Yes.

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- ☐ A user shall be able to use the online banking system securely.