



Review Test Submission: Q2-Reqs

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Course	COM_S 309 All Sections (Spring 2017)
Test	Q2-Reqs
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Attempt Score	50 out of 50 points
Time Elapsed	6 minutes out of 1 hour
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 1

1 out of 1 points



What is the first step in Requirements analysis?

Selected Answer: ☒ domain analysis

Answers: ☒ domain analysis
☐ requirements elicitation
☐ triage
☐ screensketches
☐ requirements workshops

Question 2

5 out of 5 points



Like anything that is constructed, when we build software we must first [a] and then [b] and then [c] and then [d]. However, like other creative processes (like writing), it is best created in several [e].

Selected Answer: Like anything that is constructed, when we build software we must first ☒ **decide what is to be built** and then ☒ **figure out how to build it** and then ☒ **build it** and then ☒ **make sure it works**. However, like other creative processes (like writing), it is best created in several ☒ **iterations**.

Answers: Like anything that is constructed, when we build software we must first ☒ **decide what is to be built** and then ☒ **figure out how to build it** and then ☒ **build it** and then ☒ **make sure it works**. However, like other creative processes (like writing), it is best created in several ☒ **iterations**.

All Answer Choices

- build it
- figure out how to build it
- make sure it works
- iterations
- decide what is to be built

Question 3

4 out of 4 points



Match the following pairs

Question	Correct Match	Selected Match
Validation is	✓ D. building the right thing.	✓ D. building the right thing.
Verification is	✓ C. building it correctly.	✓ C. building it correctly.
Screen sketches are	✓ A. a tool to help in early validation with the customer	✓ A. a tool to help in early validation with the customer
workshops are	✓ B. a great way to elicit requirements from a group of users.	✓ B. a great way to elicit requirements from a group of users.

All Answer Choices

- A. a tool to help in early validation with the customer
- B. a great way to elicit requirements from a group of users.
- C. building it correctly.
- D. building the right thing.

Question 4

3 out of 3 points



What are common errors found in requirements documents?

Mark all that apply.

- Selected Answers: ✓ ambiguous requirements
- ✓ untestable requirements
- ✓ infeasible requirements
- Answers: ✓ ambiguous requirements
- ✓ untestable requirements
- boring requirements
- fraudulent requirements
- ✓ infeasible requirements

Question 5

4 out of 4 points



What are some common errors made in the requirements phase? (Answer all that apply)

Selected Answers: ☒ incomplete requirements (for example - forgetting some usecases or actors).☒ infeasible requirements☒ ambiguous requirements☒ untestable requirements

Answers:

☒ incomplete requirements (for example - forgetting some usecases or actors).☒ infeasible requirements☒ ambiguous requirements

non functional requirements

☒ untestable requirements**Question 6**

1 out of 1 points



Who is not a stakeholder among these choices?

Selected Answer: ☒ Time

Answers: Vendor

Developer

☒ Time

investor

Question 7

3 out of 3 points



What are some of the problems in the following requirement? (More than one can apply)

The system shall respond quickly.

☒ It is not specific (i.e. vague).☒ It is not testable.☒ It is ambiguous.

Answers: It is infeasible.

☒ It is not specific (i.e. vague).☒ It is not testable.☒ It is ambiguous.**Question 8**

10 out of 10 points



Which of the following items are considered requirements?

Selected Answers: ☒ HIPAA for Healthcare systems☒ FIRPA for educational institutions☒ use cases

Answers:

- ✓ testcases
- ✓ what a user needs
- ✓ what a user wants
- ✓ system constraints
- ✓ user stories
- ✓ HIPAA for Healthcare systems
- ✓ FIRPA for educational institutions
- ✓ use cases
- ✓ testcases
- ✓ what a user needs
- stakeholders
- ✓ what a user wants
- ✓ system constraints
- actors
- ✓ user stories

Question 9

1 out of 1 points



User selecting a category on a website is a valid use case

Selected Answer: ✓ False

Answers: True

✓ False

Question 10

5 out of 5 points



The five steps in the requirements phase are in order [a], [b], [c], [d], and [e].

Selected Answer: The five steps in the requirements phase are in order ✓ domain analysis, ✓ elicitation, ✓ triage, ✓ specification, and ✓ verification and validation.

Answers: The five steps in the requirements phase are in order ✓ domain analysis, ✓ elicitation, ✓ triage, ✓ specification, and ✓ verification and validation.

All Answer Choices

- none
- verification and validation
- domain analysis
- triage
- specification
- elicitation

Question 11

2 out of 2 points



Which of the following statements about the requirements phase are correct? (More than one can be correct)



Customers often have difficulty in communicating with developers as they tend to use terminology specific to their business domain.



Software developers often have difficulty in communicating with customers as they tend to use technical jargon.

Answers: Since they do not know about the latest technologies, it is best to not involve customers until the first working version is ready.



Customers often have difficulty in communicating with developers as they tend to use terminology specific to their business domain.

Errors made in this phase are relatively easy to fix if they are caught after delivery to the customer.



Software developers often have difficulty in communicating with customers as they tend to use technical jargon.

Since requirements keep changing, there is no point in writing them down.

Question 12

1 out of 1 points



Which one of the following is not an example of Non Functional Requirement?

Selected Answer:



The candidate search system shall provide the ability to search for candidates by role, specialty, and geographic region.

Answers: Accessibility of the project



The candidate search system shall provide the ability to search for candidates by role, specialty, and geographic region.

Reliability of the Project

Efficiency of the project

Question 13

1 out of 1 points



A use case narrative is a sequence of steps, both automated and manual, for the purpose of completing a single business task.

Selected Answer: False

Answers: True

False

Question 14

2 out of 2 points



A bank customer stops by her bank's ATM to withdraw money. In this case, who is the primary business actor?

Selected Answer: the bank customer

Answers: the bank

the bank teller

☒ the bank customer

the money withdrawal authorization company

Question 15

3 out of 3 points



Which of the following are NFRs (Non functional Requirements)? (More than one answer can be correct)

- ☒ The system shall be scalable to upto 100 users.
- ☒ The system response time shall not exceed 3 secs.
- ☒ The application shall have an average uptime of 1000 hours.

Answers: The system shall show a listing of students sorted in alphabetical order.

- ☒ The system shall be scalable to upto 100 users.
- The application shall calculate the total balance and show it to the user.
- ☒ The system response time shall not exceed 3 secs.
- ☒ The application shall have an average uptime of 1000 hours.

Question 16

1 out of 1 points



Which one of the following is not an example of Functional Requirement for a specific project?

Selected Answer: ☒ reliability

Answers: The candidate search system shall provide the ability to search for candidates by role, specialty, and geographic region.

- ☒ reliability
- user stories
- use cases

Question 17

1 out of 1 points



Which of the following is an inverse requirement?

Selected Answer: ☒ system shall not allow users to overdraw money from their account

- Answers:
- reliability
 - performance
 - system shall display details of transaction to the user
 - ☒ system shall not allow users to overdraw money from their account

Question 18

1 out of 1 points

A use case should NOT (select incorrect choice)



Selected Answer: ☒ Describe the GUI

Answers: treat system as a black box.

Be easy to read

Focus on interaction

☒ Describe the GUI

Question 19

1 out of 1 points



Properties of a system/class are also called

Selected Answer: ☒ Non-functional requirements

Answers: ☒ Non-functional requirements

Functional requirements

None

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← OK