Explanation of RI's principle

User Req

USlist:UCdiagram

FunctionalRequirement:Ta...

FRs_list

Validate requirements (sp...

Report of validation US an...

Exams

MidtermExam no. 1 2023-...

Final exam 2023-01-09

Additional References

The Software Engineering...

ISO/IEC/IEEE 29148:2011 ...

Software Requirements (...

Requirements Engineerin...

Non-functional Requirem...

Software Engineering 10t...

FMISM22102, A. Slotkienė / MidtermExam no. 1 2023-01-24

QUIZ
MidtermExam no. 1 2023-01-24

Started on	Tuesday, 24 January 2023, 9:05 AM
State	Finished
Completed on	Tuesday, 24 January 2023, 9:39 AM
Time taken	34 mins 2 secs
Grade	Not yet graded

Question 1
Complete
Marked out of 4.00
⚑ Flag question

Write the acceptance criteria for this user story, that User Story will be the Definition of Ready:

As a student, I would like to upload my foto to my profile so it will be easy to recognize my events in the system.

1. The photo must be at least 100Kb and not more than 4Mb.
2. The photo must be of a real person.

Question 2
Complete
Mark 1.00 out of 1.00
⚑ Flag question

Between the User Stories can be used only include and extends relationships

Select one:
○ True
◉ False

Question 3
Complete
Mark 1.00 out of 1.00
⚑ Flag question

Acceptance criteria detailed describe user story

Select one:
◉ True
○ False

Question 4
Complete
Mark 0.50 out of 1.00
⚑ Flag question

Choose whether the functional requirement is correctly written or incorrectly

The system shall provide for the users to connect 24/7 to the system	Correctly ⇕
The system shall for the user to add, remove and edit profile data	Incorrectly ⇕
The system shall allow registering the user	Correctly ⇕
As a guest, I would like to update my profile data	Incorrectly ⇕
The system shall ensure the security of private data	Correctly ⇕
The system generates a login code.	Incorrectly ⇕

Question 5
Complete
Marked out of 4.00
⚑ Flag question

Rewrite the below FR according to the **EARS templates: Event-driven Requirements, State-driven Requirements**

FR: *The system shall show the notification for the user*

Event-driven Requirements
WHEN the user sells the item, the system shall show the notification to the user
WHEN the user updates his profile, the system shall show the notification to the user

State-driven Requirements
WHILE the user is logged in, the system shall show notifications

Question 6
Complete
Mark 1.20 out of 2.00

Choose the correct statements that describe the structure of the functional requirement (FR).

☐ FR always has an action/activity expression
☑ The FR statement may include additional restrictions or conditions

- [ ] The FR statement may include additional restrictions or conditions
- [ ] FR will never be described from the user's perspective
- [x] FR should be described from the system perspective
- [x] FR has an identifier
- [ ] FR always has an object associated with an action such as add user, update information
- [ ] FR always has a quantifiable adjective such as simple quickly

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Question 7
Complete
Marked out of 5.00

If you find a mistake/es in this user story, **explain where and why** and **write this user story correctly:**

Sources: user story template, Invest model or principles on how to write requirements in natural language

As a registered user, I would like to add and edit system information, so other users can use validated data

I think this user story should be separated into 2. Also, I don't like the last part <so that...>. The benefit looks not clear.

1. As a registered user, I would like to add system information, so that I have the possibility to use it when I don't remember it.
2. As a registered user, I would like to edit system information, so that I have the possibility to use actual data.

Question 8
Complete
Mark 0.00 out of 1.00

Requirements engineering consists of requirements elicitation, requirements analysis, requirements implementation and requirements testing.

Select one:
- (●) True
- ( ) False

Question 9
Complete
Mark 1.00 out of 1.00

External stakeholders should be classified according to influence/impact because it helps to prioritize and decide which requirement is more important

Select one:
- (●) True
- ( ) False

Question 10
Complete
Mark 0.60 out of 1.00

Choose the right answers which User Stories are described correctly

As a student, I would like to delete my account, so that my data is not used	Correctly ⇕
As a programmer, I would like to use SQL databases, so that not will be data duplication	Correctly ⇕
As a student, I would like to delete my account	InCorrectly ⇕
As a user, I would like to update the source code of program	InCorrectly ⇕
As a user, I would like to add, delete and update my profile, so that the administrator has the correct data	Correctly ⇕

Question 11
Complete
Mark 1.00 out of 1.00

User Story and Use Case are used to describe the technological aspects of the functionality of the system

Select one:
- ( ) True
- (●) False

Question 12
Complete
Mark 0.00 out of 1.00

Between the Use Case and Actor can be used association and generalization relationships

Select one:
- (●) True
- ( ) False
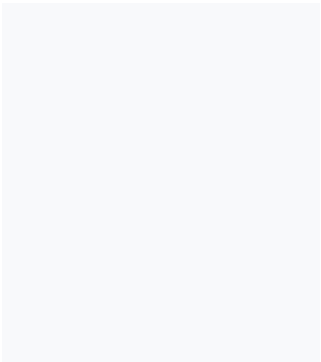

Question 13
Complete
Marked out of 4.00

Write 4-6 aspects, of why the requirements are difficult to gather and analyze from external stakeholders

1. External stakeholders need time to fully articulate their ideas and perspective

2. External stakeholders change their minds
3. External stakeholders may have Conflicting priorities
4. Success criteria may not defined clearly by external stakeholders

2. External stakeholders change their minds
3. External stakeholders may have Conflicting priorities
4. Success criteria may not defined clearly by external stakeholders