Sri Lanka Institute of Information Technology

Question 64

Not yet answered

Marked out of 1.00

⚑ Flag question

When your customer wants to develop a software system, but doesn't know how to explain what the system should end up, it is **best** to apply

Select one:

- a. Classical life cycle model
- b. Incremental model
- c. Evolutionary model
- d. Prototyping model

Handwritten annotations:
- requirement stable
- requirement well known
- spiral /incremental
- because we want proper plan
- prioritized
- so we want proper plan
- capture the requirement in prototype model
- so requirement well-known

Next page

Sri Lanka Institute of Information Technology

Question 57

Not yet answered

Marked out of 1.00

⚑ Flag question

The features of **Incremental Model** are _____

Select one or more:

- a. Requirements are prioritized
- b. Creates versions of the system
- c. Users have to wait a long time to get the working product
- d. No need for prioritized requirements

Handwritten annotations:
- proper plan
- requirement prioritized
- first make more prioritized requirement core version
- so this is increment version type
- so customer get quickly product earlier
- increment model build in lengthy product so prioritized requirement

Question 40

Not yet answered

Marked out of 1.00

Flag question

Who is responsible to accept the product increment?

Select one:
- a. The Scrum Team
- b. The Scrum Master
- c. The Product Owner
- d. The Development Team

product owner + scrum master + dev team

dev team represent

not like project manager but he is responsible to remove implidiment

responsible to develop the product backlog

release date decide accept or reject sprint

cross functional 5-10members

Question 17

Not yet answered

Marked out of 1.00

Flag question

Which of the following statements are **FALSE** about Design Phase in Software Engineering?

Select one or more:
- a. Software design makes system effective and efficient
- **X** b. Software design is based on the programming language
- c. Software design is an iterative process
- **X** d. Software design is an executable product

design built the system how it be effective and

no because software design independent on the programming language

design is not executable

software design is iterative product if customer primitive reach this process iterative

estion 27

t yet answered

arked out of
00

Flag question

Which of the following statement(s) are **TRUE**?

in agile methodology test case generate RE

Select one or more:

X   a. In Agile model, test cases are designed after the development of the system

☐   b. In V-Model, software development and testing are executed in parallel

X   c. In Spiral Model testing may be done multiple times   may be is incorrect
it do any time

☐   d. V-Model emphasizes more on testing than Waterfall Model

---

ed

Which of the following statement(s) is/are **TRUE** regarding Software Testing?

n

Select one or more:

☐   a. Software Testing is inadequate for showing the absence of defects.

☐   b. Software Testing is an effective way to show the presence of bugs

☐ X c. Software Testing is only performed by QA Engineers.   End use ,developer ....

X   d. If Rigorous Testing is done and no defects are detected, we can say that the software is 100% bug free   software can not be 100%
bug free
1.many possible paths
2.many possible input
3.many possible user
environment

Question 20

Not yet answered

Marked out of
1.00

⚑ Flag question

Which one of the following is **not** a step of requirement engineering?

Select one:

○   a. Gathering

✗   b. Feasibility Study

○   c. Documentation

○   d. Analysis

RE
1.Requirment elisitication
2.Requiement specification
3.Requirment validation

---

ion **28**

et answered

ed out of

ag question

Determining whether expected cost savings and other benefits will exceed the cost of developing a new system is related to

Select one:

○   a. Organizational feasibility

✗   b. Financial feasibility

○   c. Technical feasibility

○   d. Operational feasibility

A Feasibility Study,

stack holder mean
legitimist interest
user

Select one or more:

X a. Does not involve all the stake holders.

☐ b. Looks at alternative solutions.

X c. Is generally carried out after the software requirements specification. it get requirement phase

☐ d. Covers cost to benefit analysis.

Online Exams

Sri Lanka Institute of Information Technology

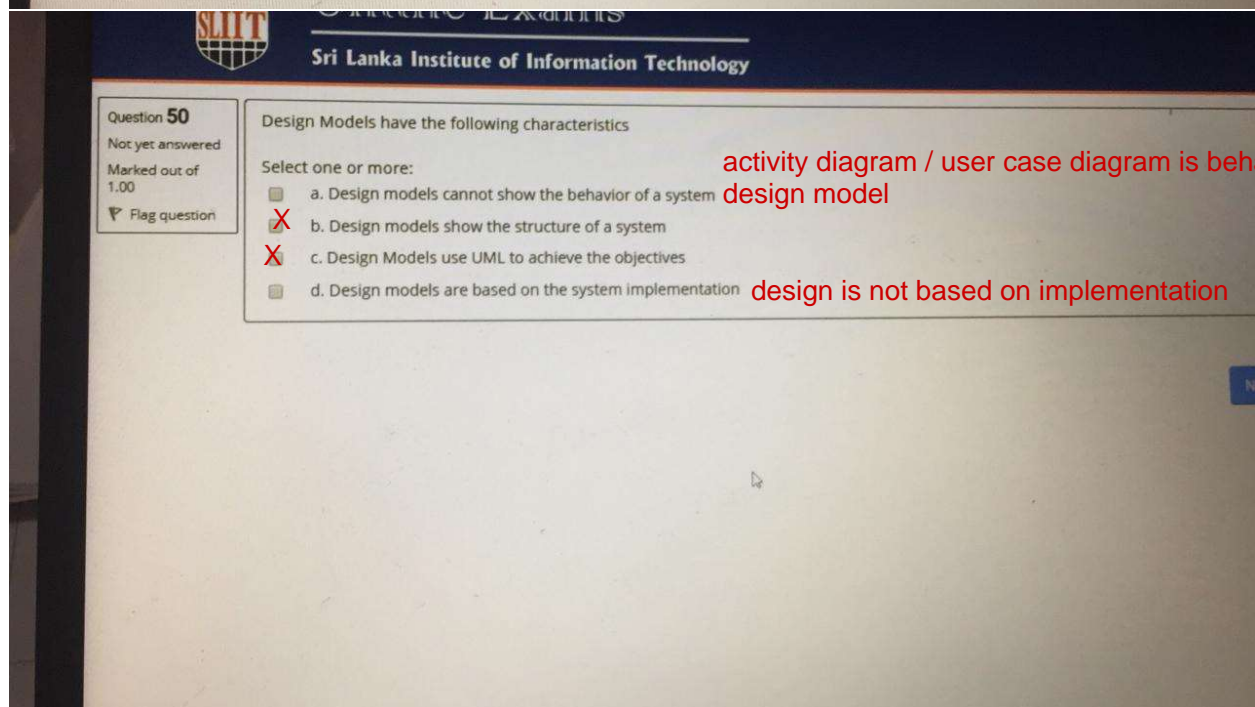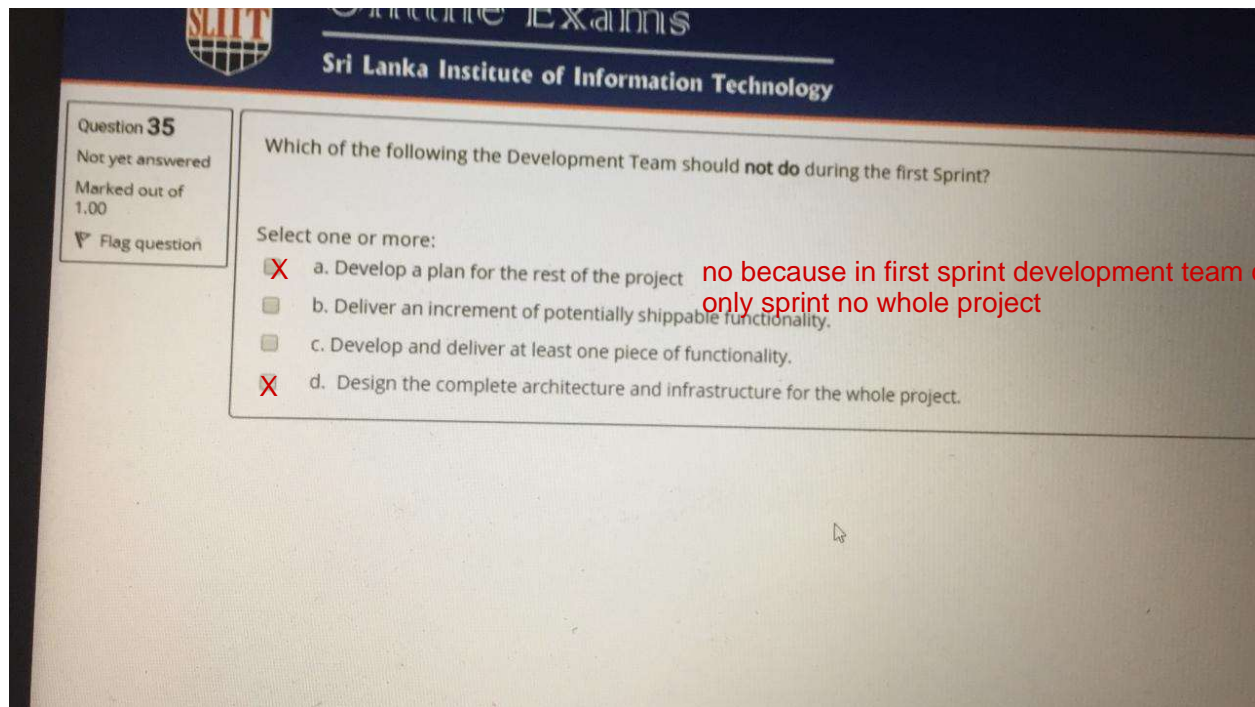What is the **document** created by system analysts after the requirements are collected from various stakeholders?

system analysis / business analysis

Select one:

○ a. Feasibility study

○ b. Requirement Gathering

X c. Software requirement specification

○ d. Software requirement validation

Next page

Question 35

Not yet answered

Marked out of 1.00

⚑ Flag question

Which of the following the Development Team should **not do** during the first Sprint?

Select one or more:

☒ a. Develop a plan for the rest of the project   no because in first sprint development team only focus on only sprint no whole project

☐ b. Deliver an increment of potentially shippable functionality.

☐ c. Develop and deliver at least one piece of functionality.

☒ d. Design the complete architecture and infrastructure for the whole project.

Question 50

Not yet answered

Marked out of 1.00

⚑ Flag question

Design Models have the following characteristics

Select one or more:

☐ a. Design models cannot show the behavior of a system   activity diagram / user case diagram is behavior design model

☒ b. Design models show the structure of a system

☒ c. Design Models use UML to achieve the objectives

☐ d. Design models are based on the system implementation   design is not based on implementation

Question 60

Not yet answered

Marked out of
1.00

⚑ Flag question

What are the **four** fundamental activities of **Software Development process**?

Select one:
- a. Definition, development ,validation, maintenance
- b. Specification, development, validation, evolution
- c. Definition, development, testing, support
- d. Analysis, design, development, testing

software development basic activity
specification
*include user and system requirement

development
implement code and design

validation
check requirement all are done and they are
work properly

evolution
maintain

Question 58

Not yet answered

Marked out of
1.00

⚑ Flag question

Which of the following statement(s) is/are **TRUE** regarding Software Testing Levels?

Select one or more:
- X a. Integration testing cannot be started until all the modules/functions are completed
- b. Verifying whether software components are functioning correctly and identifying the defects in them is the objective of Unit Testing
- c. System Testing is a type of black box testing.
- X d. Acceptance testing should always be done in a controlled environment

inegrated testing
* top down model use stubs
* bottom up model use driver

acceptance test can done
1.control environment -alpha test
2.uncontrol environment -beta test

Next pag

Question 6

Not yet answered

Marked out of 1.00

⚑ Flag question

When building a software from the below statements which is **NOT** a coding standard?

Select one:

- ○ a. None of the mentioned
- ○ b.
  Commenting Code
- ○ c. Proper Indentation
- X ○ d. Using "x, y, z" like names for variables as they are universally used   in good coding we are use meaningful variables
- ○ e. Keep enough white spacing. Not too much and not much less

Next page

DISCL

i

MULT

1

8

15

22

29

36