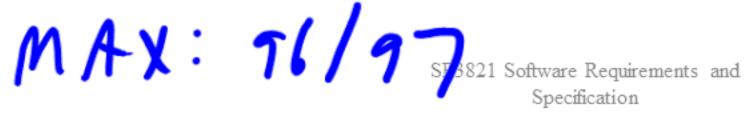


Overall		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
84.93%	Average	88.15%	87.80%	57.56%	95.12%	81.71%	91.46%	89.76%	90.73%	80.28%	71.80%
87.00%	Median	88.00%	100.00%	60.00%	100.00%	100.00%	100.00%	100.00%	100.00%	91.67%	87.50%
8.58%	STDEV	8.03%	20.92%	20.59%	13.94%	29.72%	18.21%	16.81%	14.21%	29.86%	33.40%
		4.48	4.14	3.69	4.24	4.24	4.21	4.38	4.21	4.17	3.24
		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00







Functional Requirements Chapter 10 of text

Lecture Objectives:

- Define functional requirements
- Define Scenario
- Explain how to translate a story into a scenario.
- 4) Construct a use case scenario from a story.
- 5) List the symbols used on an activity diagram.
- Explain how one can draw an activity diagram from a use case scenario.

Functional Keguirement. Smithing 742 Milust must do.

- Define what a product must do
 - Describe the actions it must carry out to satisfy the functional reasons for its existence





 What should rabbit projects do in regards to functional requirements?

Avoil writing 1995 Project before building the Rabbit rriget, before understanding the SE3821 Software Requirements and

Specification



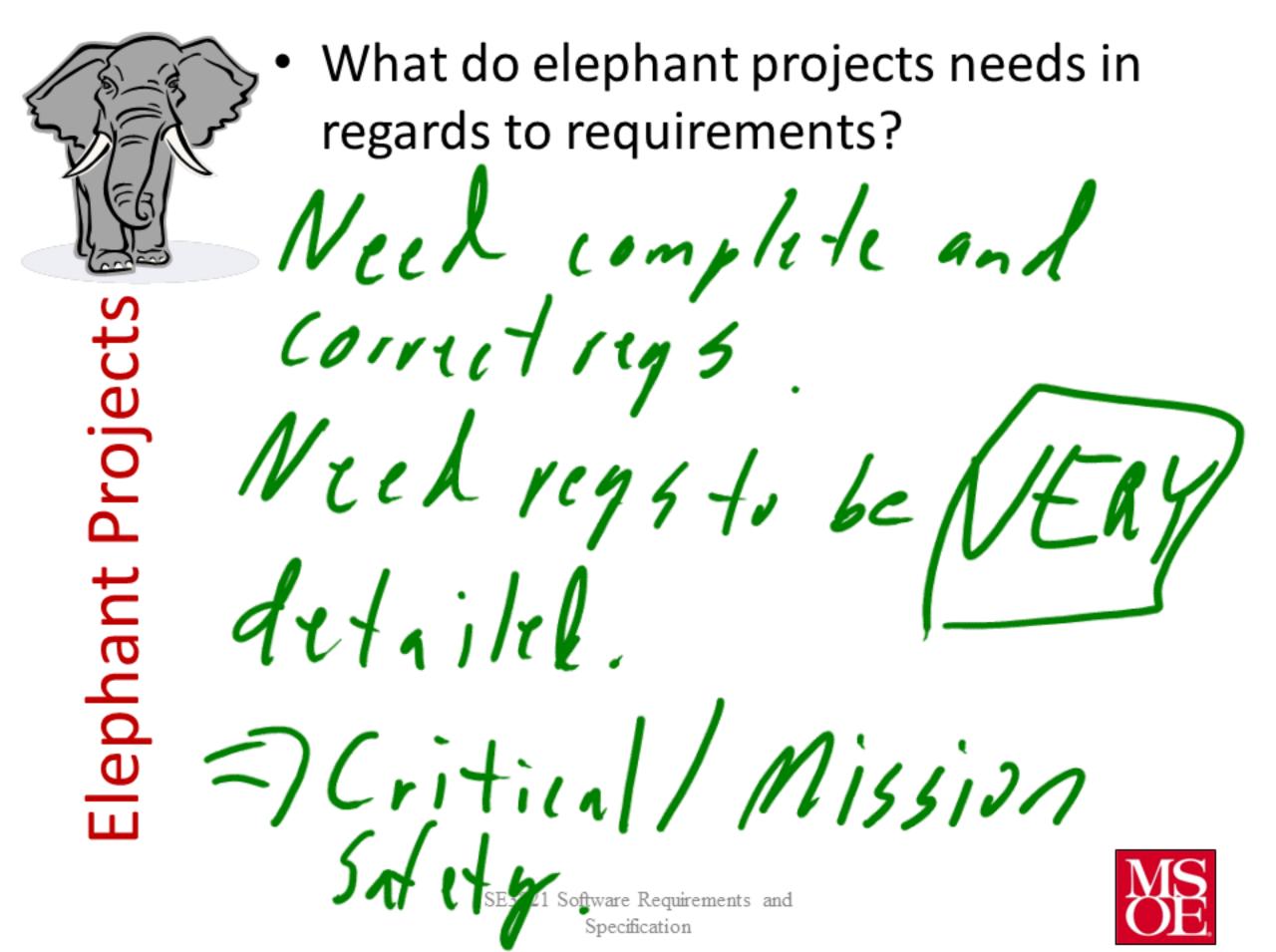
 What should horse projects do with regards to written functional requirements specifications?

Huse Projects need to write Some of their regs.

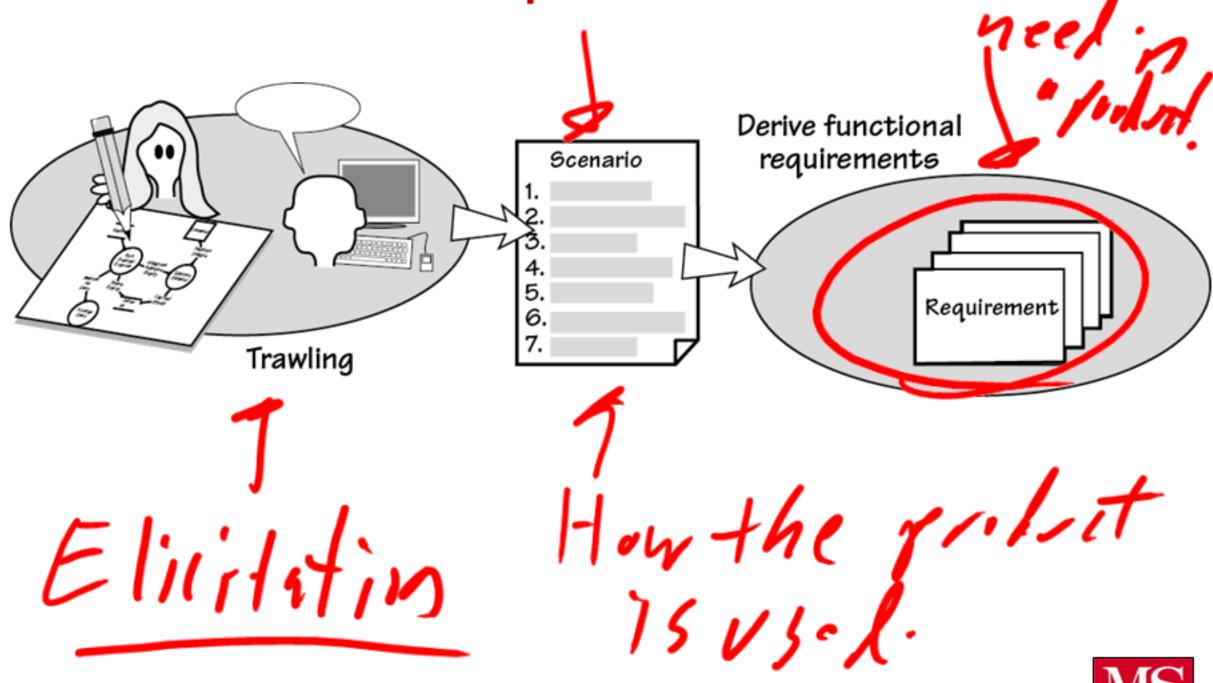
Conger release cycles.

SESS21 Software Lethingment, aid CT 4/ Or Spraification + 1/2

Horse projects



Obtaining Functional Requirements



Determining Functional Requirements

Requirement Requirement Product Use Case Scenario **V**requirement 4. 5. Requirement Stakeholder For each Requirement describes the work step...



Submit Assignment

Actors

Student

High Level Description

This use case describes how a student would submit an assignment into the system. By submitting an assignment,
a student indicates that the Assignment is complete and ready to be graded.

Preconditions

Student has been authenticated by the system.

Use Case Flow:

- 1. Student indicates a desire to submit an assignment into Blackboard.
- BlackBoard displays a set of assignments which the user can submit at the current time.
- 3. Student indicates the assignment that they wish to submit.
- Blackboard prompts the user to upload the file(s) which constitute the assignment. (Transition to the file upload use case)
- 5. Blackboard prompts the user to agree with assignment submission statement.
- 6. Blackboard archives the assignment internally for grading.
- Blackboard displays to the user that the assignment has been submitted successfully.

Alternate flows:

- 2-a-1. Student has no assignments due at the present time. Exit use case scenario.
- 4-a-1. Student does not upload any files to the system. Prompt the user that they must upload at least one file for assignment submission. Retry file upload use case. If still no uploads are performed, exit use case.
- 5-a-1. Student fails to agree to the terms of service.

Outcome:

The students assignment is submitted.



Use Case Flow:

Student indicates a desire to submit an assignment into Blackboard.

BlackBoard displays a set of assignments which the user can submit at the current time.

Blackboard shall be capable of showing Which assignments are tue at the present



Use Case Flow:

- 1. Student indicates the assignment that they wish to submit.
- Blackboard prompts the user to upload the file(s) which constitute the assignment. (Transition to the file upload use case)
- 3. Blackboard prompts the user to agree with assignment submission statement.

Show the appropriate agreement to students when submitting an assighment.



Use Case Flow:

- Blackboard prompts the user to agree with assignment submission statement.
- 2. Blackboard archives the assignment internally for grading.
- Blackboard displays to the user that the assignment has been submitted successfully.



Requirements are written as a single sentence with one verb.

- Where possible, avoid the usage of and
- Tend to want to use "shall" instead of other words.
 - Consistency

Moses 2-Software Requirements and 18 Moses. Specification

Online poll of class..

How many functional requirements for each step in the use case

- A. 1
- -B.2-6
- C. 6 10
- D. More than 10
- E. None of the above



What's wrong with this

 The product shall display pictures of goods for the customer to click on.



