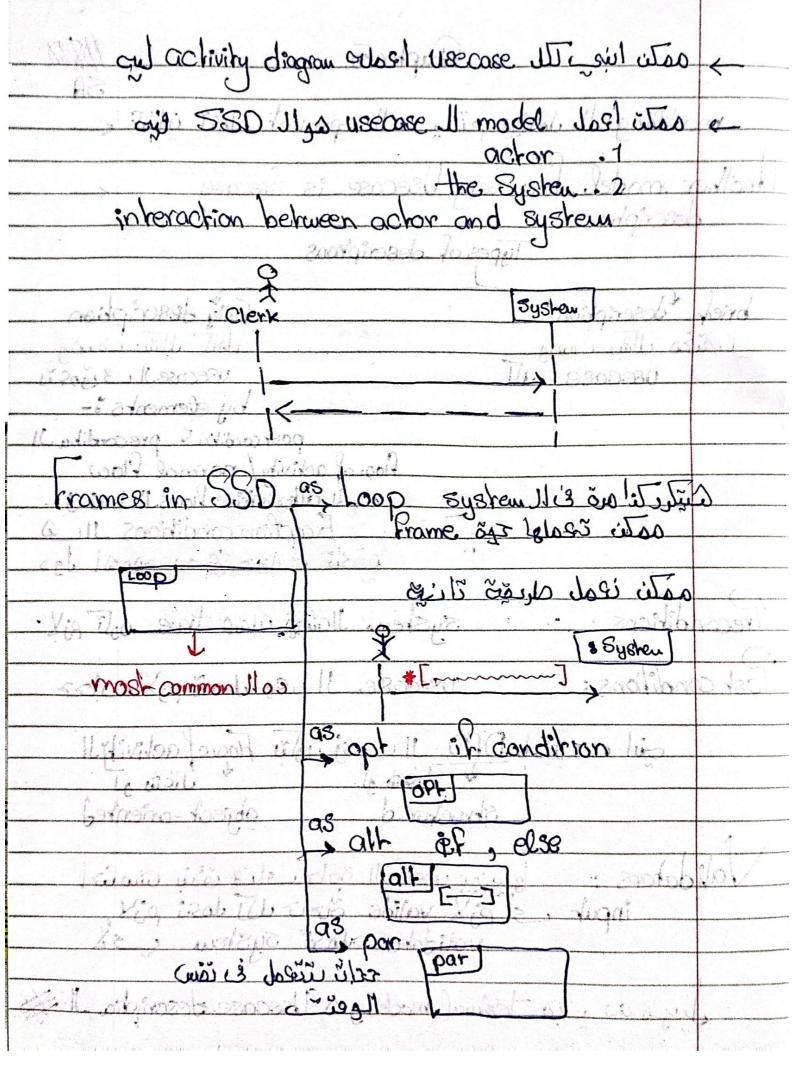
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as ref Login Jose pix lelos vilas color CRUD technique

Create read update deletre.

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Overview (1 of 2)

- Chapters 3 and 4 identified and modeled the two primary aspects of functional requirements: use cases and domain classes
- This chapter focuses on <u>detail modelling for use cases to</u> document the internal steps within a use case
- Fully developed use case descriptions provide information about each use case, including actors, stakeholders, preconditions, post conditions, the flow of activities and exceptions conditions
- Activity diagrams (first shown in Chapter 2) can also be used to show the flow of activities for a use case

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5

Overview (2 of 2)

- System sequence diagrams (SSDs) show the inputs and outputs for each use case as messages
- CRUD analysis, which correlates problem domain classes and use cases is an effective technique to double check that all required use cases have been identified
- Not all use cases are modelled at this level of detail. Only model when there is complexity and a need to communicate details

Types of descriptions
brief description

Lossia Union

January

rully description

Use Case Description Details (1 of 2) * Usecase description is Textual

- Use case name
 - Verb-noun
- Scenario (if needed)
 - A use case can have more than one scenario (special case or more specific path)

model

- Triggering event
 - Based on event decomposition technique
- Brief description
 - Written previously when use case was identified
- Actors
 - One or more users from use case diagrams

CamScanner

Sample CRUD Matrix

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Use case vs. entity/domain class	Customer	Arecount.	Sale	Adjustment
Create customer account	C	C		
Look up customer	R	R	Fir ANIKA	HEANK
Produce customer usage report	R	R	R	
Process account adjustment	R	U	R	C
Update customer account	UD (archive)	UD (archive)	i zvár	

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3

Extending and Integrating Requirements Models Trimary aspect of Functional Requirement

- · Use cases Structural Static
 - Use case diagram
 - Use case description
 - Activity diagram
 - System sequence diagram (SSD)
- · Domain Classes Behavioral Dynamic
 - Domain model class diagram
 - State machine diagram

