CodeClan

Bridging the digital skills gap

PDA Guidance: Part 2

Focus of Guidance

Covering Material Specifically Needed For The PDA : Week 8 onwards

Reminder:

- Google is not your friend when it comes to the PDA

- Standardized approach = pass/fail criteria

- Copy of this guidance in repo

Acceptance Criteria and Test Plan

An Acceptance Criteria is a set of statements with a clear pass/fail result. Acceptance Criteria should state intent, but not a solution.

An Acceptance Test Plan is the final two columns of this table.

Acceptance Criteria	Expected Result	Pass/Fail
A user is able to…	The … does … when …	Pass/Fail

System Interaction Diagrams

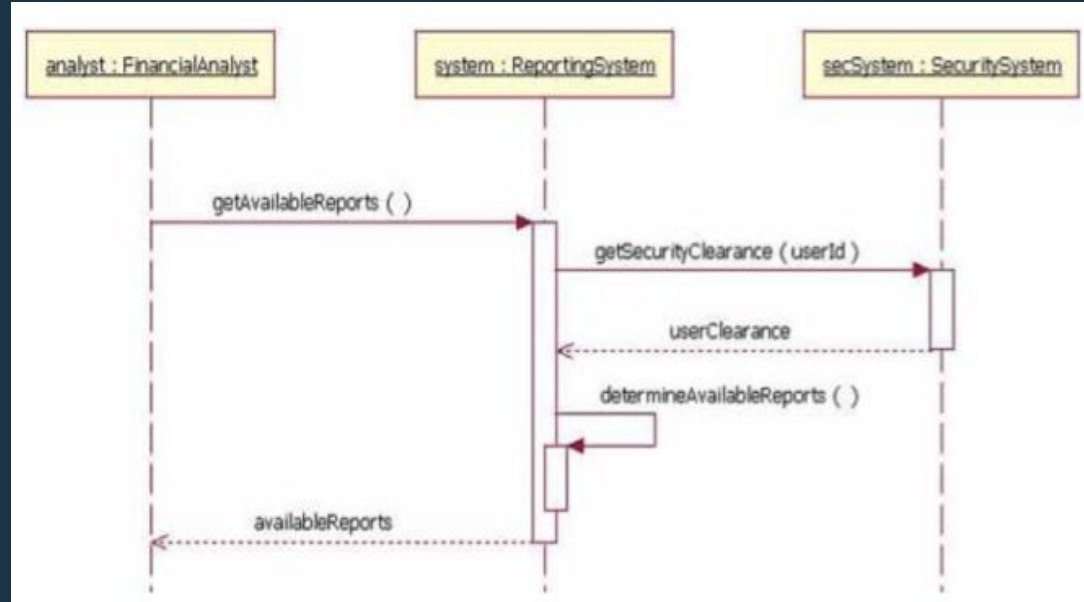System interaction diagrams look at the flow of control and data among the things in the system.

There are two types of system interaction diagrams:

- **Sequence Diagrams**

- **Collaboration Diagrams**

Sequence Diagram

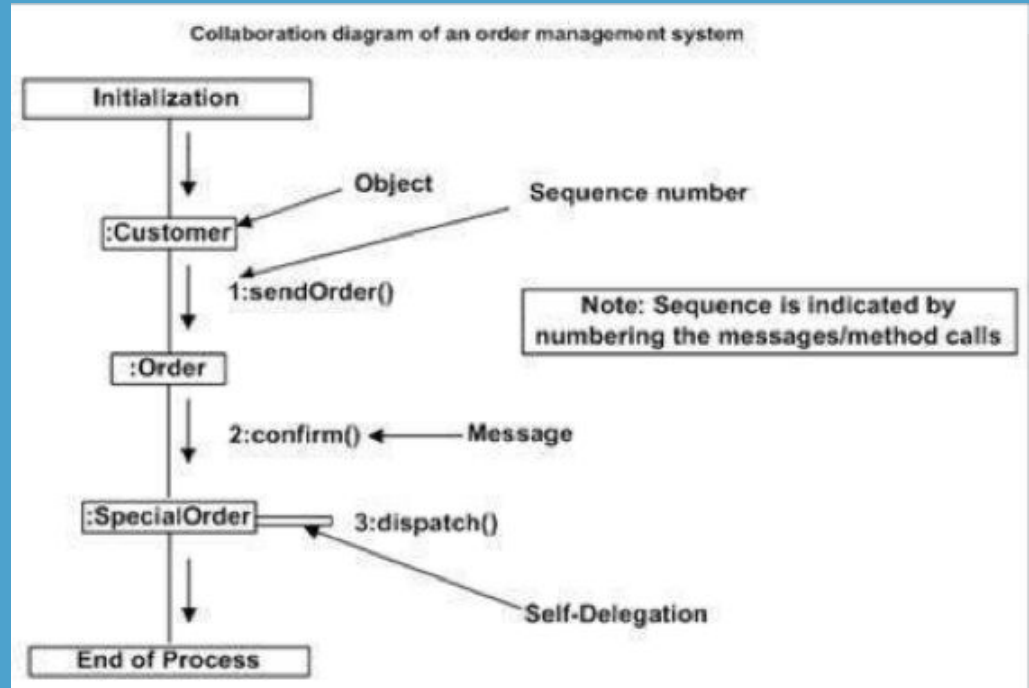The behaviour of objects in a use case by describing the objects and the messages they pass.

- Order in which messages occur
- What messages are sent between a system's objects

Collaboration Diagram

The behaviour of objects in a use case by describing the objects and the messages they pass.

- Order in which messages occur
- What messages are sent between a system's objects

Collaboration diagram of an order management system

Initialization

Object

Sequence number

:Customer

1:sendOrder()

Note: Sequence is indicated by numbering the messages/method calls

:Order

2:confirm() ← Message

:SpecialOrder   3:dispatch()

Self-Delegation

End of Process

Bug Tracking Report

A Bug Tracking Report is a record of all the bugs that occur in the process of building a Software Product.

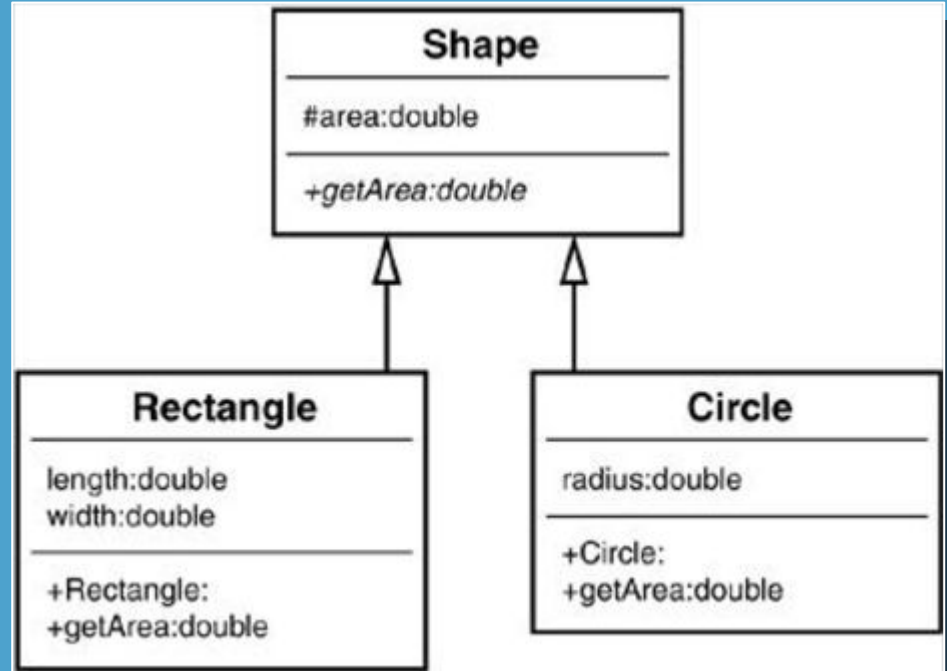For the PDA you must include 5-6 examples of "bugs" or errors.

Bug/Error	Solution	Date

Inheritance Diagrams

An inheritance diagram demonstrates when a child object assumes characteristics of its parent object.
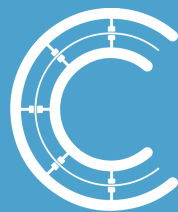
Inheritance diagrams should include:

- Relationships (using arrows)
- Name of the class
- Attributes of each class
- Type of each attribute
- What is inherited (explicitly)

Remember!

- DO NOT GOOGLE PDA DIAGRAMS

- Use the resources provided

- Keep on top of the PDA as you go through the course

Thanks_