



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SEMESTER 2 SESSION 2023/2024

SECJ4383 SOFTWARE CONSTRUCTION

SECTION 05

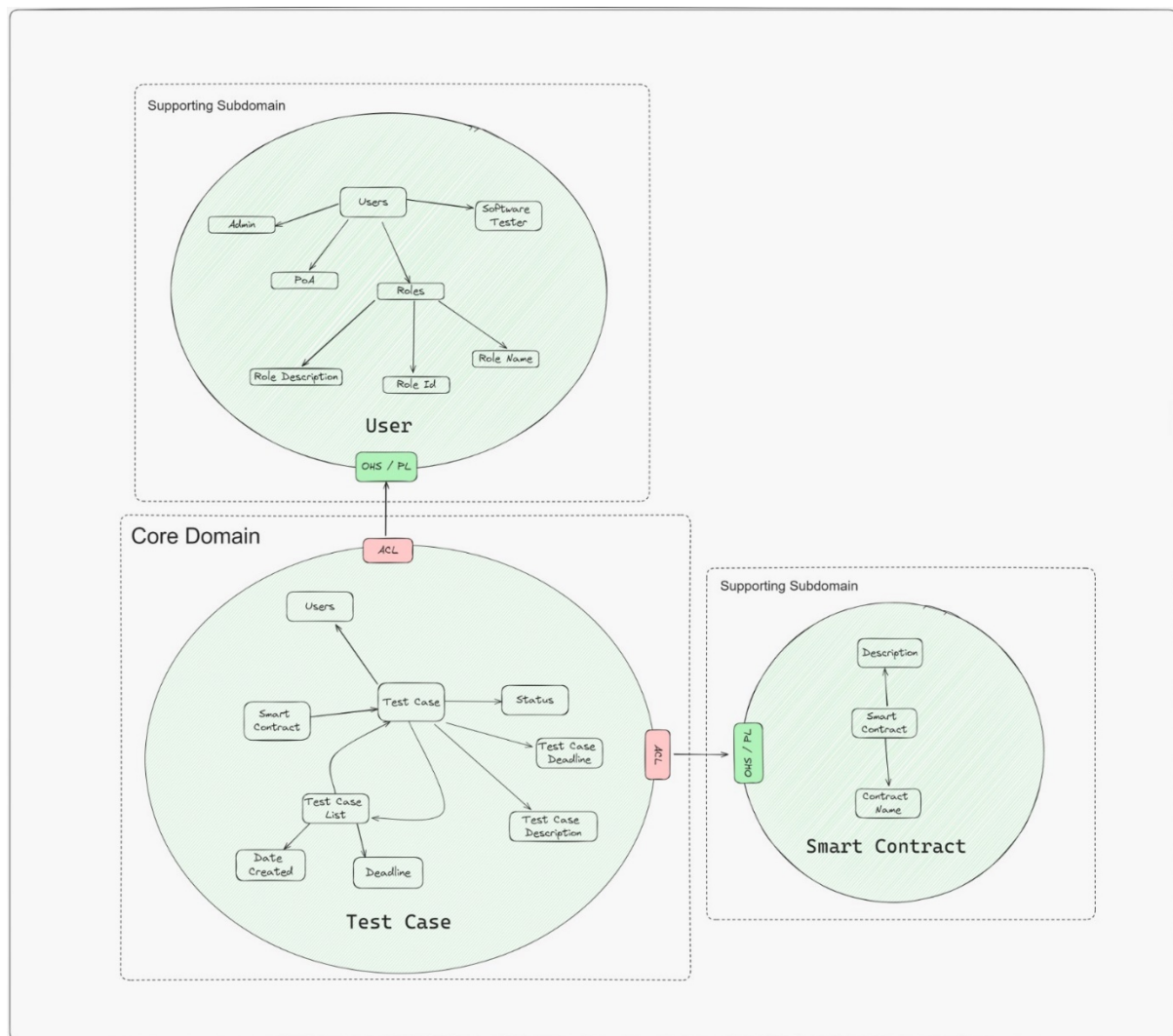
**PROBLEM SOLVING 2: CONTEXT MAPPING AND CRC OF
HYPERAGILE COLLABORATIVE TESTING TOOL**

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Context Mapping of HyperAgile Collaborative Testing Tool



CLASS RESPONSIBILITY COLLABORATOR (CRC)

Domain: Test Case

Test Case	
Super Classes: Test Case	
Description: A Software Tester is allowed to create and manage test cases, SoftwareTester and Admin are allowed to set deadlines, and PoAUser is allowed to set status	
Attributes:	
Name	Description
TestCaseID	A unique ID to identify the Test Case
TestCaseName	A unique name for the Test Case
Description	Contains the details of the Test Case
Deadline	Denotes the deadline of the Test Case
Status	Denotes the status of the Test Case
Responsibilities:	
Name	Collaborator
Create a Test Case	SoftwareTester
Set Test Case Deadline	Admin, SoftwareTester
Set Test Case Status	PoAUser

Domain: User

User	
Super Classes: Admin	
Description: A user consist of Admin, PoA and Software Tester that handles different tasks and managed by Admin	
Attributes:	
Name	Description
UserID	A unique Id to identify the user
RoleID	A unique Id to identify the user's role
Password	To validate the correct user
Role	To handle user's authorization / permission
Responsibilities:	
Name	Collaborator
Add a new user	Admin
Delete a user	Admin
Edit a user details	Admin
View user's list	Admin