

Week 13 Report

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Backend and Create Test UI By Chao Li:

1. Redesign the database.
Now there is only one column in the database. →JSONString.
2. Create upload file servlet.
3. Create Set Rules Servlet.
4. Redesign the PolicyDAO.java.
5. DisplayResult page displayRule page, displayXMldata page.

Frontend By Yang Zheng:

1. Use JQuery to implement the delete function(including cascading delete).
2. Add alert when the user tries to refresh the page or close the browser before summiting the rules
3. Fix the indexing problem when using one table to manipulate the information from two arrays.

Testing By Bing Li:

1. Upload UI:



File Upload:

Select a file to upload:

testnew.xml

2. Get XMldata:

localhost:8082/UseCaseDiagramParser3/displayXMIData.jsp

```
Actor Name: Actor1 Actor ID: UMLActor.3
Actor Name: Actor2 Actor ID: UMLActor.4
Actor Name: Actor3 Actor ID: UMLActor.5
usecase Name: Assignment Project UseCase ID: UMLUseCase.6 }
usecase Name: Edit Document UseCase ID: UMLUseCase.7 }
usecase Name: Make Comments UseCase ID: UMLUseCase.20 }
usecase Name: Check Permission UseCase ID: UMLUseCase.22 }
Actor Id: UMLActor.3 =====UseCase ID: UMLUseCase.6
Actor Id: UMLActor.4 =====UseCase ID: UMLUseCase.6
Actor Id: UMLUseCase.6 =====UseCase ID: UMLActor.5
Actor Id: UMLActor.4 =====UseCase ID: UMLUseCase.7
From: UMLUseCase.6 ===== To: UMLUseCase.22
From: UMLUseCase.7 ===== To: UMLUseCase.20
```

3. Create Rules:

Actors

Add Actor

Actor Name	Max Number of Use Cases	Operations
test name	3	 
customer	3	 





Use Cases

Add Use Case

Use Case Name
test name
buy books

Must-have Associations

Add Association

Actor Name	Use Case Name	Operations
test name	test use case	 
customer	buy books	 



Must-not-have Associations

Add Association

Actor Name
test name

Must-have Inclusions/Extensions

Add Inclusion/Extension

Use Case 1	Relationship	Use Case 2	Operations
test name	includes	test name	 

Must-not-have Inclusions

Add Inclusion/Extension

Use Case 1	
test name	

Submit

Cancel

4. Display Rules:

localhost:8082/UseCaseDiagramParser3/displayRules.jsp

```
mustHaveActors: customer max UseCase Num:3 }
mustHaveUseCase:buy books MAX Actor Num:3 }
mustHaveAssocs:customer=====buy books
```

5. Display Results:



The screenshot shows a web browser window with the address bar displaying `localhost:8082/UseCaseDiagramParser3/displayResult.jsp`. The browser has several tabs open, including "jazz hub - Google 搜索", "Story 2420/: Whole Pro", "Insert title here", "Rules", and another "Insert title". The main content area of the browser displays three lines of error messages, each followed by a dashed line and the text "NEED TO FIX".

```
Actor:"customer" Doesn't exist.-----NEED TO FIX
UseCase:"buy books" Doesn't exist-----NEED TO FIX
Can't find this include association:customer buy books-----NEED TO FIX
```