

Possible ways to evaluate the use case diagram

Possible Solution 1 by Yang Zheng:

We know use case is from a case scenario. We could create an algorithm which could get use case and actor from this sentence. Then we can use these data to analysis and evaluate the use case diagram which user uploads to us. Also Human Natural Language processor may help us.

Possible Solution 2 by Bing Li:

We could start from a prototype and improve it in the future. For example, at the beginning, we can create simple rule to count the number of actors and use cases. Then we can try to build up complex rule to analysis include and extend relationship.

Possible Solution 3 by Chao Li:

Use case is created by case scenario. Before application start to evaluate the use case diagram, we could gather information from our user input. For example, after they read this case scenario, how many actors could be used? How many use cases in this diagram? What kind of relationship in this case scenario? They could enter this information to a form. And we could use this information to analysis use case diagram.