**Domain Information of Requirement Acquisition**

A user is given3 the textual4 description1. A user1 is able to edit3 the description.

The verb-noun phrases1 are identified3 by the user from the given description. The identified verb-noun phrases are categorized3 into business processes1, steps1 and actions1.

The business process consists of steps7,and the step consists of actions7.The requirements1 are generated3 from categorized business processes , steps and actions. The generated requirements are in an ordered4 format1. The requirements are saved3 by the user.

**Brainstorming and Classification**

|  |  |  |
| --- | --- | --- |
| Brainstorming List | Classification Result | Rule |
| description1 | (C) Description | 1(a) |
| requirement1 | (C) Requirement | 1(a) |
| given3 | (AS) given ( user, description) | 3 |
| textual4 | (V) textual | 4 |
| user1 | (C) User | 1(a) |
| edit3 | (AS) edit (user, description) | 3 |
| identify3 | (AS) identify (user, verb-noun phrase) | 3 |
| verb-noun phrase1 | (C) Verb-Noun Phrase | 1(a) |
| business processe1 | (C) Business Process | 1(a) |
| step1 | (C) Step | 1(a) |
| action1 | (C) Action | 1(a) |
| generated3 | (AS) generated (business processes, requirements) | 3 |
| generated3 | (AS) generated (steps, requirements) | 3 |
| generated3 | (AS) generated (actions, requirements) | 3 |
| process consists of7 | (AG) consists of (business process, steps) | 7 |
| steps consists of7 | (AG)consists of (steps, actions) | 7 |
| ordered4 | (V) ordered | 4 |
| format1 | (A) format | 1(e) |
| save3 | (AS) save (user, requirements) | 3 |

**DM Class Diagram**

