Use Case for adding a component.

|  |  |
| --- | --- |
| Actions performed by the actor. | Responses from the system. |
| 1. The user wishes to create a new component. He supplies the system with the name of the component. |  |
|  | 1. The system generates a unique integer identifier for the component. |
| 1. The user issues the request to add the component. |  |
|  | 1. The system tries to add the component to the registry. If successful the system displays the name and id. If not an error message is thrown. |
|  | 1. If there are more components the user wants to add the system goes back to step 1. Otherwise it exits. |

Use case for adding a component supplier.

|  |  |
| --- | --- |
| Actions performed by the actor. | Responses from the system. |
| 1. The user requests to link a component with a supplier. The user provides a component id and a supplier id. |  |
|  | 1. The system verifies that both the component and the supplier id’s are valid. If they are, the system creates a relationship between the two id’s. If they are not valid id’s the system displays an error message. |
|  | 1. The system exits. |
|  |  |
|  |  |