Software Description

This is the software description for Alypsis-Synchronization-Tool has been derived from the user stories which are mentioned under the folder Use Cases.

If an employee of Alypsis essential oils enters a command by mistake, he/she must be able to delete that command, which would further delete the action done in katana, Shopify. The software must be able to generate a bill of materials which must include a table of all the items which were recently stocked in the warehouse. Moreover, the software must include all those essential oils which are running low on stock and need re-stocking. The manager should be able to see the products that are within Shopify and see an Identical result in Katana. The bill of materials must be generated periodically. The manager must be able to set the time period in which they wish to be updated about the stocks.

The software description is further used to create a table which captures the noun phrases and their category.

Noun Phrases	Object	Attribute	Actors	Irrelevant
Bill of materials	Katana	SKUID, Ingredient Cost, Stock	API, Request Script	Materials
Set the time period	Software	(HH:MM),Day	Time zone	
See the products	Shopify	SKUID,Cost, Stock	API, Request Script	Product name

When searching for objects that could be grouped together due to similarity and being represented from a single class, Katana and Shopify are the only two that fit this category. Shopify and Katana are able to be grouped within the same class as they both have identical actors and are both using the same system.