

## USE CASE DIAGRAM EXPLANATION

There are three lifelines - Alypsis synch, katana Database, and Shopify Database. Initially, Alypsis sync requests for JSON data via API. Here Alypsis sync is making a GET request.

Then in the alternate tab, it checks whether the data has been retrieved successfully or not. If the data has been retrieved successfully it stores the data in the form of an array. If the data has not been retrieved successfully, it returns false.

Then the compare function compares the data stored in two different arrays on the basis of the SKUIDS. If the SKUIDS match, it returns true otherwise it returns false and breaks the function.

Then the data is modified depending on the user's need.

Finally, the data is updated in Katana and Shopify database via a PUT request.

The sequence diagram being provided here is a combination of the use cases from lab 2 and classes from lab 3. This is a refined sequence diagram that covers both the use cases and classes.