# Requirement Document

## Features:

1. Categorization and Classification
   1. Categorization allows organizations to sort products into specific groups allowing a better overview of the entire assortment.
   2. Classification system can help in the management of attributes. Attributes describe a specific element of a product such as its name, weight, height, length, width etc
2. **Create relationships** between products
   1. Show **similar** products to the product shown
   2. **Up-sell** more expensive products
   3. **Cross-sell** related accessories to a product
   4. Explain that a product **consists of** multiple other products
   5. Offer **spare parts** to a product
   6. Communicate that it is **mandatory** to buy another product with a particular **product**
   7. Communicate that one gets product y **free of cost** on buying product x
   8. Communicate combo offers, like, **Buy 3 and get 1 Free,** Get **x % discount** on another product after buying this product
3. Media Asset management
   1. Automatic assignment of media assets to categories and/or products
   2. Automatic resizing of photos
   3. Automatic conversion of video for multiple distribution channels
   4. Adding meta data, e.g. device of capture, date of capture
4. Improve product data quality:
   1. Automated data validation, e.g. preventing text from being entered in a field intended for a number
   2. Verification for completeness, e.g. making sure that all mandatory fields are filled in
   3. Version control makes sure revisions are kept and that the last version is always updated
5. Data Access Control
   1. Access to the products should be limited by user groups / roles, e.g. preventing users from editing products for which they are not responsible.
6. Workflow
   1. Workflow allows the efficient organization of product enrichment. The enrichment of specific products can be assigned to specific users by a coordinator and when enrichment is done, a validation process can be initiated.
   2. The second benefit is that is makes it more transparent who has initiated which change and who has approved it. Workflow becomes essential particularly when product enrichment of the same product has to be done by different users (e.g. photographers and translators)
7. Reviews
   1. Gather reviews on the specific project from within the same site or from different sources in the web.

## Reports / Analytics