



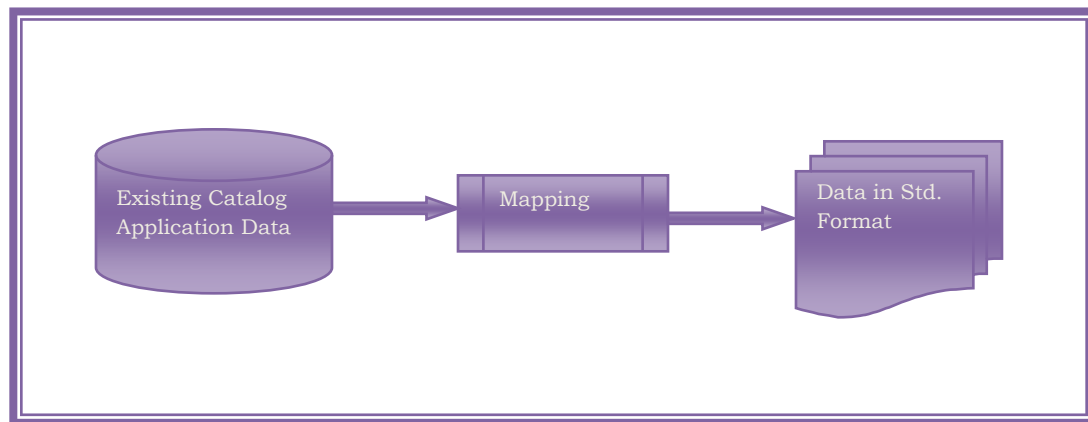
Autopartsasia – mAAp

Version 1.0

mAAp

mAAp - Process

Our mAAp Software, consolidate and validate your existing catalog data and translate into Standardised Format like ACES, AAIA Legacy , Wrenthead, Autozone formats.



- mAAp is a flexible mapping software tool for the Autoparts Industry. It can be used to make your catalog data shake hands with industry standards like ACES.
- “Flexibility” is the USP of mAAp because it allows the user to set the criteria for mapping...yes you set the rules based on your domain expertise!!
- Raw Catalog data >> mAAp ready Data >> Data validation >> Mapping Criteria >> Bulk Mapping/ Single Mapping >> Customized Output
- Map AAIA Legacy or “Structured” (Make-Model-Year) data to ACES or Legacy formats.
- mAAp software matches the Makes, Models and Engines to their AAIA equivalents automatically.
- Manufacturers and Distributors can have the ability to catalog and manage their complex product lines to AAIA Enhanced Standards in an easy-to-use, web-based platform.
- User Data can be in any one of the format, CSV, Excel, Access.
- The output of the Standardized data will be in XML, CSV, Excel format.

- Export Data can be in multiple formats like ACES, AAIA Legacy, Wrenthead, Autozone formats.

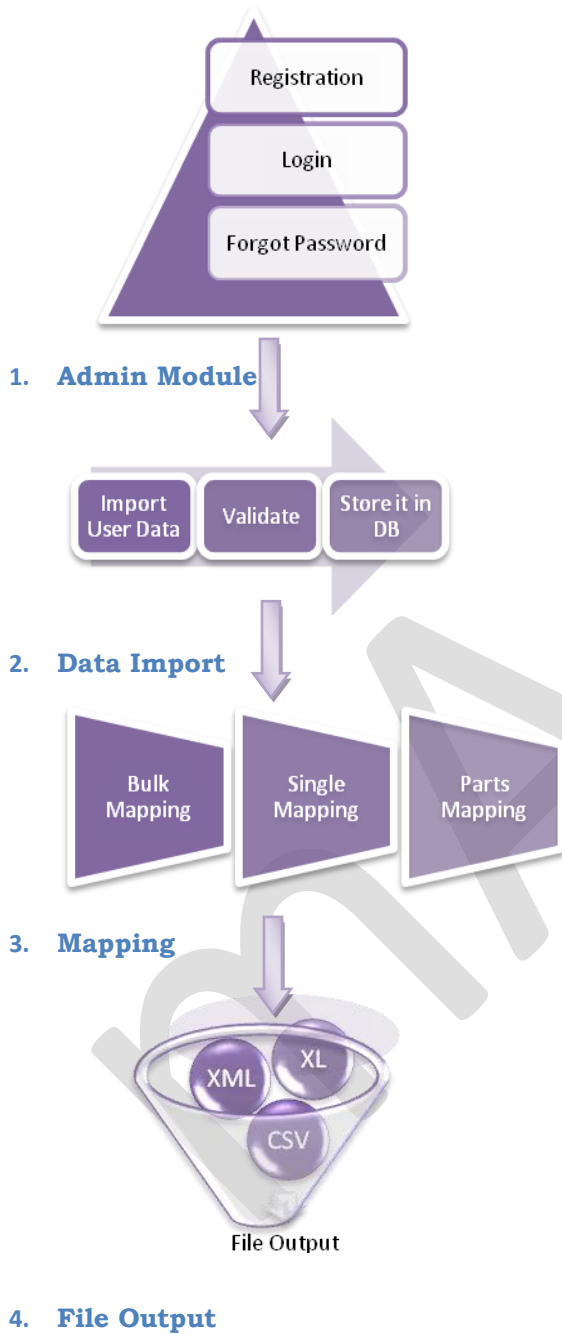
Brief Description on Various Standardized Formats:

AAIA Catalog Enhanced Standard (ACES) is a new schema that uses an XML delivery format. ACES is more complex than legacy and requires advanced technical skills to implement. However, coded vehicle attributes and XML formatting generate more globally uniform data. These are great advantages for trading partners. AAIA provides a 30-minute [ACES tutorial](#) for more information.

AAIA Legacy is a less complex schema that doesn't specify a particular data delivery format. You can help expedite publication of your data by exporting AAIA Legacy data in this [Standardized File Format](#)

Product Information Exchange Standard (PIES) standardizes delivery of pricing and a wide variety of part attribute information. Cross references, images, shipping information, specifications, warranty information and more are covered in PIES. PIES encompasses a wide array of information but is not yet fully adopted across the industry. We offer simplified delivery options that allow non-compliant partners to deliver this valuable information while taking the first steps towards becoming PIES compliant!

WHI (Wrenthead Inc) fully supports AAIA (Automotive Aftermarket Industry Association) standards. ACES, Legacy and PIES are fully acceptable delivery standards. WHI understands that as new standards emerge, industry wide adaptation can take time. While new standards are becoming established we try to offer simplified, alternative delivery options. These options often provide the foundations for our non-compliant partners to begin adapting our industry standards.

mAAp – Flow:

1. Admin Module:

Registration:

The user has to register for using mAAp software, The user should follow simple registration process. After registration an auto mail will be generated to the user mail which includes the Activation link for using the mAAp Software.

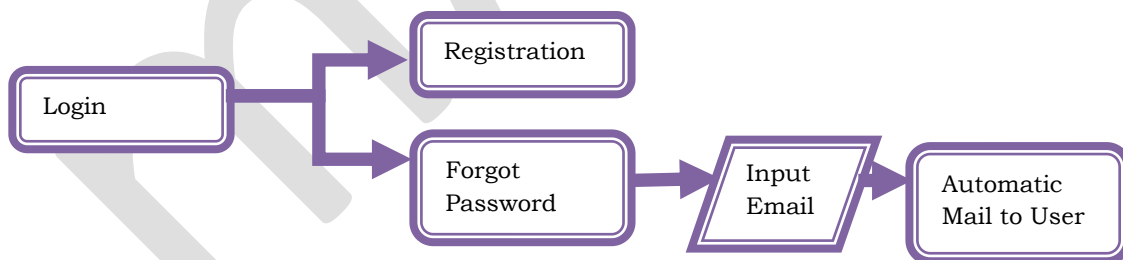
Login:

The user can enter the Authentication details (Username and password) to get into the mAAp software

Forgot Password:

If the user forgot the password, he will be guided by forgot password link, in which they will be asked for the email id which they provided during the registration process.

If the emailed is correct then the user will receive an auto mail with the Authentication details.



Attribute List:

ACES Format consists of the Product Categories and their related attributes.

This section will list out the AAIA data for the corresponding attributes of the specific product categories.

Sample Document:

This section will explain the user for the Input Format, mAAp Software will accept the data only in the following formats (CSV, EXCEL, XML).

And also give the sample format for individual product category for each format.

Data Import and Validation:

This module imports the user data and also validates the data and makes it ready for Mapping AAIA.

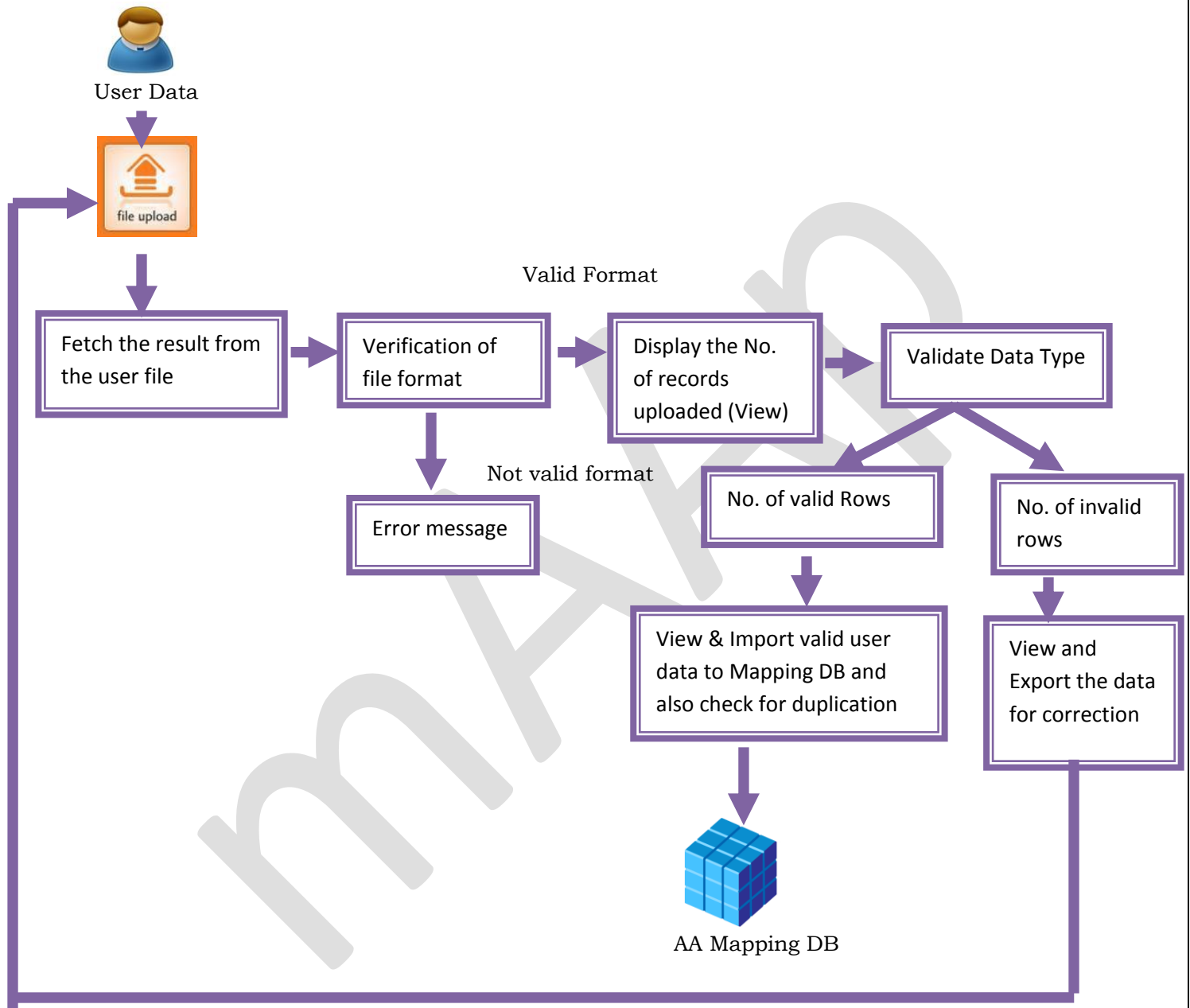
This module involves the following steps:

File Browsing – User can upload their data through this section.

Validation of user data

- a. Checking the File format (Match the Fields with AAIA data)
- b. Throws the error if the user data does not match the AAIA fields.
- c. If the file format is correct, then the no. of records submitted will be displayed on the screen.
- d. Validates the Data type –
 - i. Valid Rows – Report
 - ii. In Valid Rows – Report (Highlights the reason for invalidity)
- e. Data Import – Valid rows are imported to the Mapping DB.
- f. Export – The invalid rows are exported as excel, the user can modify the data and continue the procedure from file upload.

Data Import and validation module - Flow



Setting Criteria (Tolerance) – Optional:

The user can set the criteria (Tolerance) for the product categories for mapping their data to relate the AAIA Db.

All the product categories are listed

User to choose their product category

Set tolerance

Save the configuration

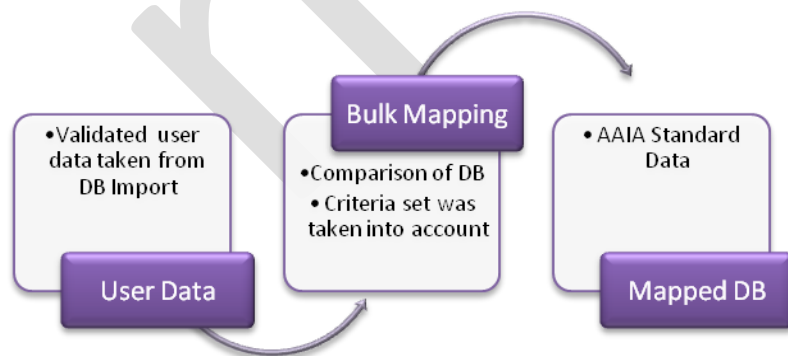
Based on the criteria's set, the mapping will be processed.

(Screen Shots for reference is attached below).

Bulk Mapping:

This is the mapping module, which maps the user data to AAIA data, the whole user data is mapped based on the criteria set or by default criteria.

- On clicking Bulk mapping, the user can choose the product category for data mapping.
- The user data will be displayed in the Result grid, which was imported through the data import module.
- Click “Bulk Map”
- Bulk Mapping report is generated (can get the detailed report of Mapped Records, Unmapped Records)
- Un mapped records can also be mapped via “Single Mapping”
- User can view the overall records mapped from beginning.

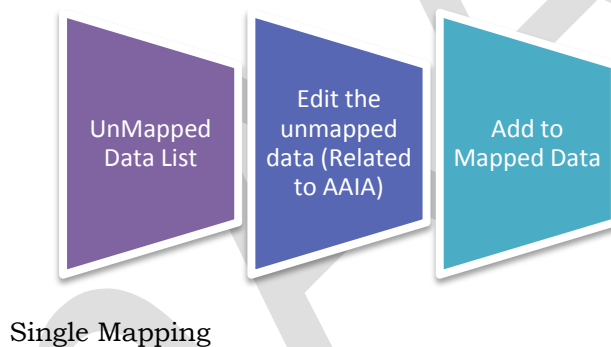


Single Mapping:

Un Mapped Records are analysed and the user can map the unmapped records individually.

1. For Individual category, the unmapped records are displayed in this module.
2. These unmapped can be mapped using Single mapping.
3. Click on ‘Select’ to view the unmapped record detail, which will fetch the related AAIA Data.
4. Based on the AAIA data, the user can Edit his info.
5. And has the option for looking the criteria he has set.
6. Then ‘Add to mapped Data’.

By this, the user can map their data individually.



Criteria:

1. For Each Category, the user can set Tolerance for mapping the data.
2. Both Minimum and Maximum values can be set for the Attributes.
3. This is optional, if the user does not set the criteria, it will be set as “Equal” by default.