Agent Project Documentation

Data Dictionary

Agents

#	Name	Type	IDX	Description
1	Id	Int unsigned	AI	
2	Title	Varchar (10)	NN	Titles Like Mr, Mrs, Ms, Prof
3	First Name	Varchar (30)	N	
4	Initial	Varchar (6)	N	Initial Like J. or M
5	Last Name	Varchar (50)	NN	

Project Dependency:

- maatwebsite/excel

Implementation method explanation:

1. Use the import function of maatwebsite to import the excel file row by row.
2. First row is skipped due to being the header.
3. Every row is checked to see if it is owned by 1 owner or 2.
4. If there is 2 owner each of the owners are separated with and or &

5. For each name the same logic is implemented. It is separated by space and goes through finding the correct position of the separated name.
6. Then names are saved in the right order in the database.
7. If Name has one part then 5.

Notes:
- Tests are also written in feature/AgentTest.php.
- Program only accepts CSV file with a header it can change if validation changes.