| **Function** | **MongoConnector** | **Load MongoDB Layers** | **Mongo Memorizer** | **Verdict** |
| --- | --- | --- | --- | --- |
| **Importing data** | Failed to import any of the collections containing GeoJSON feature collection objects. | Failed to import any of the collections containing GeoJSON feature collection objects. | Failed to import any of the collections containing GeoJSON feature collection objects. | Not considered to be important.  Geospatial data in MongoDB should not be stored as GeoJSON feature collection objects.  **(IGNORE THIS POINT – NOT THE FORMAT DATA SHOULD STORED)** |
| Successfully imported all the collections containing GeoJSON geometry objects. | Failed to import any of the collections containing GeoJSON geometry objects. | Failed to import any of the collections containing GeoJSON geometry objects. | Importing GeoJSON geometry objects supported by “MongoConnector” is not considered to be important.  Geospatial data in MongoDB should not be stored in this format.  **(IGNORE THIS POINT – NOT THE FORMAT DATA SHOULD STORED)** |
| Successfully imported “transport\_points2”.  Failed to import “neighborhoods” and “restaurants”. | Successfully imported “transport\_points2”.  Successfully imported the “neighborhoods” and “restaurants”. | Successfully imported “transport\_points2”.  Failed to import “neighborhoods” and “restaurants”. | ***Highly important.***  Geospatial data in MongoDB should be stored in this format.  “MongoConnector” functionality needs to be addressed. |
| **Creating the layer.** | Creates a layer in the device’s memory. | Creates a layer in the device’s memory. | Creates a layer in the device’s memory. | Maintaining a constant connection between MongoDB and QGIS is desired. |
| **Naming the layer.** | Does not assign the collection’s exact name to the layer. | Assigns the collection’s exact name to the layer. | Assigns the collection’s exact name to the layer. | A plugin should assign the collection’s name to the layer.  “MongoConnector” functionality needs to be addressed. |
| **Populating the attributes table.** | Creates the correct number of attributes. Assigns the correct names and values to the attributes. | Does not populate the attribute table with the correct number, names and values of attributes. | Creates the correct number of attributes. Assigns the correct names and values to the attributes. | Highly important.  “Load MongoDB Layers” functionality needs to be addressed. |
| **Additional capabilities.** | Not supported. | Importing a collection’s documents according to the value of a field. | Supports limiting the data to be visualised as well as querying the data. | “Load MongoDB Layers” additional capability could not be achieved and needs to be addressed. It is still helpful that the plugin shows the number of documents within a collection and the distinct values of a documents’ fields.  “Mongo Memorizer” supports some additional capabilities.  None of the plugins supports storing data in MongoDB or any additional spatial operations. |