

Job Aid: DWAPI Deduplication Job Aid

Applies to: DWAPI 3.1.07 and above

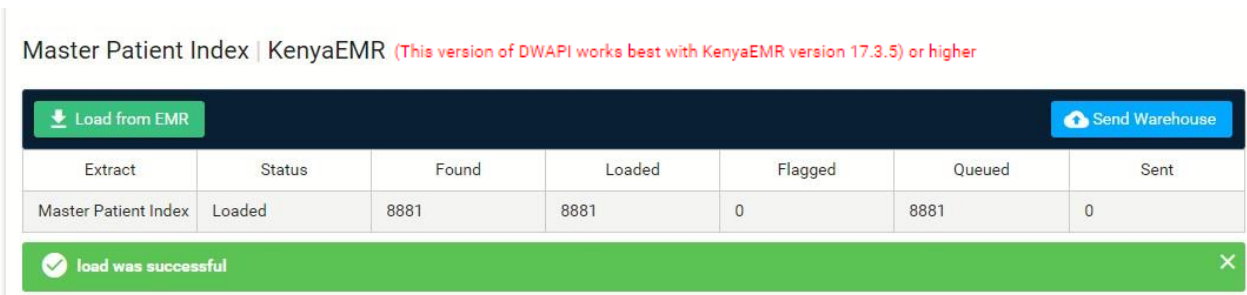
Revised: **July 2023**

Tasks: Identify Duplicate patient using DWAPI tool for merging

Objective: How to use DWAPI for identification and de-duplication in EMR

Who: EMR users

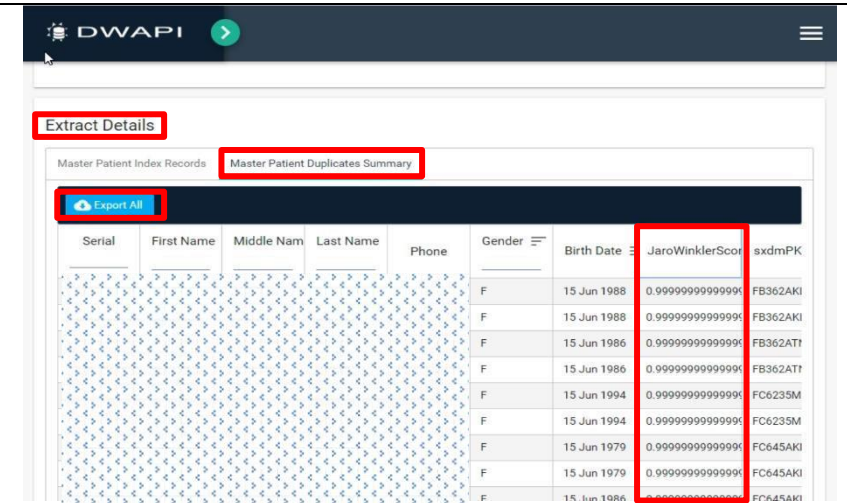
Required Materials: Functional DWAPI installation, Functional MS Excel application

Step	Action	Screen shot														
Introduction	DWAPI de-duplication function is performed through Master patient Index (MPI) docket.															
Step 1	<p>Starting DWAPI and Opening Deduplication function</p> <ol style="list-style-type: none"> 1. Launch DWAPI by double clicking DWAPI icon from the desktop. 2. Select MPI from docket 3. Click Load from EMR on the right menu and wait for the process to complete Once loading is complete, a 'load successful' notification is given 	 <p>Master Patient Index KenyaEMR (This version of DWAPI works best with KenyaEMR version 17.3.5) or higher</p> <table border="1"> <thead> <tr> <th>Extract</th> <th>Status</th> <th>Found</th> <th>Loaded</th> <th>Flagged</th> <th>Queued</th> <th>Sent</th> </tr> </thead> <tbody> <tr> <td>Master Patient Index</td> <td>Loaded</td> <td>8881</td> <td>8881</td> <td>0</td> <td>8881</td> <td>0</td> </tr> </tbody> </table> <p>load was successful</p>	Extract	Status	Found	Loaded	Flagged	Queued	Sent	Master Patient Index	Loaded	8881	8881	0	8881	0
Extract	Status	Found	Loaded	Flagged	Queued	Sent										
Master Patient Index	Loaded	8881	8881	0	8881	0										

Step 2
Review of Duplicate patient records

To view possible duplicates records in EMR, the user would need to scroll down under **Extract Details**

- Click on **Master Patient Duplicate Summary** tab as shown.
- All the possible duplicate records will be listed ranked by their corresponding probability scores (under JaroWinklerScore). The higher the score, the more likely the records are duplicates.



Serial	First Name	Middle Nam	Last Name	Phone	Gender	Birth Date	JaroWinklerScore	sxdmPK
F						15 Jun 1988	0.9999999999999999	FB362AKI
F						15 Jun 1988	0.9999999999999999	FB362AKI
F						15 Jun 1986	0.9999999999999999	FB362ATI
F						15 Jun 1986	0.9999999999999999	FB362ATI
F						15 Jun 1994	0.9999999999999999	FC6235M
F						15 Jun 1994	0.9999999999999999	FC6235M
F						15 Jun 1979	0.9999999999999999	FC645AKI
F						15 Jun 1979	0.9999999999999999	FC645AKI
F						15 Jun 1986	0.9999999999999999	FC645AKI

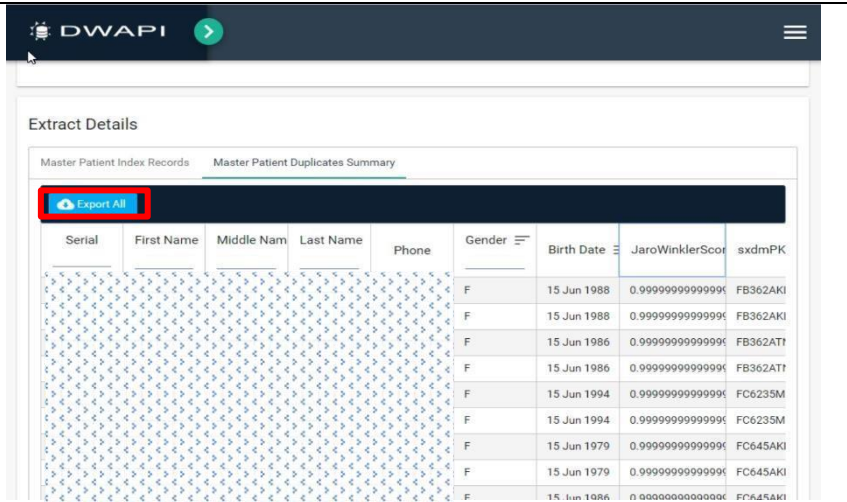
Step 3
Exporting Duplicate List to Excel

It is recommended to export the duplicate records for further analysis and EMR update

- To export data to excel, click **“Export All”** button (See blue button on the figure shown)

This will export the list in **csv** format to be opened in Spreadsheet.

NB: For help in resolving genuine duplicates, refer to **Merge Patient SOP** for guidance.



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