1.1 SPLITTING MERGING REQUIREMENT V1

ITEM	DESCRIPTION
Name	Splitting Merging Department for Amana
Description	citizen come and request to the parcel split/merging from Engineering Office.
System Flow	- Engineering office check to the related parcel exist or no? - If it exists Engineering office split to the parcel using by MapInfo desktop application. - Engineering department sending request for splitting or merging department. - When request come in the oracle form application click to the show button. - Then MapInfo desktop application is opening and displays require parcel feature and related layer. - When checking steps is finalize MapInfo desktop application press the approve button. Then insert to the database parcel information. - We can access to the parcel: - Parcel No - Street No - Plan No - Before sending request prepare temporary split parcel layer (parcel_ifraz) and put to the share folder inside ifraz folder. - Sent to request from IFRAZ Office for approval to the split parcel. - After approved Ifraz Office this step there is unorganized parcel. Engineering office generated text file from MapInfo scripting tools. - After generated text file update to the GIS database for related parcel vertex. - Next form it will display required parcel on the map. Then move to the oracle temporary table. - Then Engineering office take a document screenshot send a request splitting department. They are checking and make a validation: - Engineering department office approve - After this process delete old parcel and add new parcels from Plan_Ifraz_Approved.txt file. - There is also sometimes parcel or building information is not available or not valid. Split and Merging Department sending request to the central plan department.
Input Parameters	Parcel No Plan No Order Number mi_prinx
Layers Involved	Parcel Satellite Base Map Parcel Ifraz New_parcels
Map Default Load	Get and display require parcel and layer on the map by (Parcel No, Plan No, Order Number and mi_prinx)

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Map Query Load	Get and display require parcel and layer on the map by (Parcel No, Plan No, Order Number and mi_prinx)
Required Map Functions	User can find a parcel and split/Merge parcels saved into (parcels and New_parcels layers) by drawing the splitter or selection for the parcels need to merge them
Excepted Use Cases	- Engineering office login to the system - Engineering office search for parcel - Engineering office draw the cutter straight line or select parcels wants to merge them then saving for approval - Splitting Merging Department login to the system - Select the request to Display related layer and require split/merge parcel on the map and approve/return with notes .
Add Entry in GIS System	1- Parcels 2- New_parcels
Update Entry in GIS System	1- Parcels 2- New_parcels
Delete Entry in GIS System	1- Parcels 2- New_parcels
Existing System Screenshots and Code	**Main Form Split Merging Service. Query by parcel no/order no:**

Engineering Office send this MapInfo file(After view press approve button on the right side).
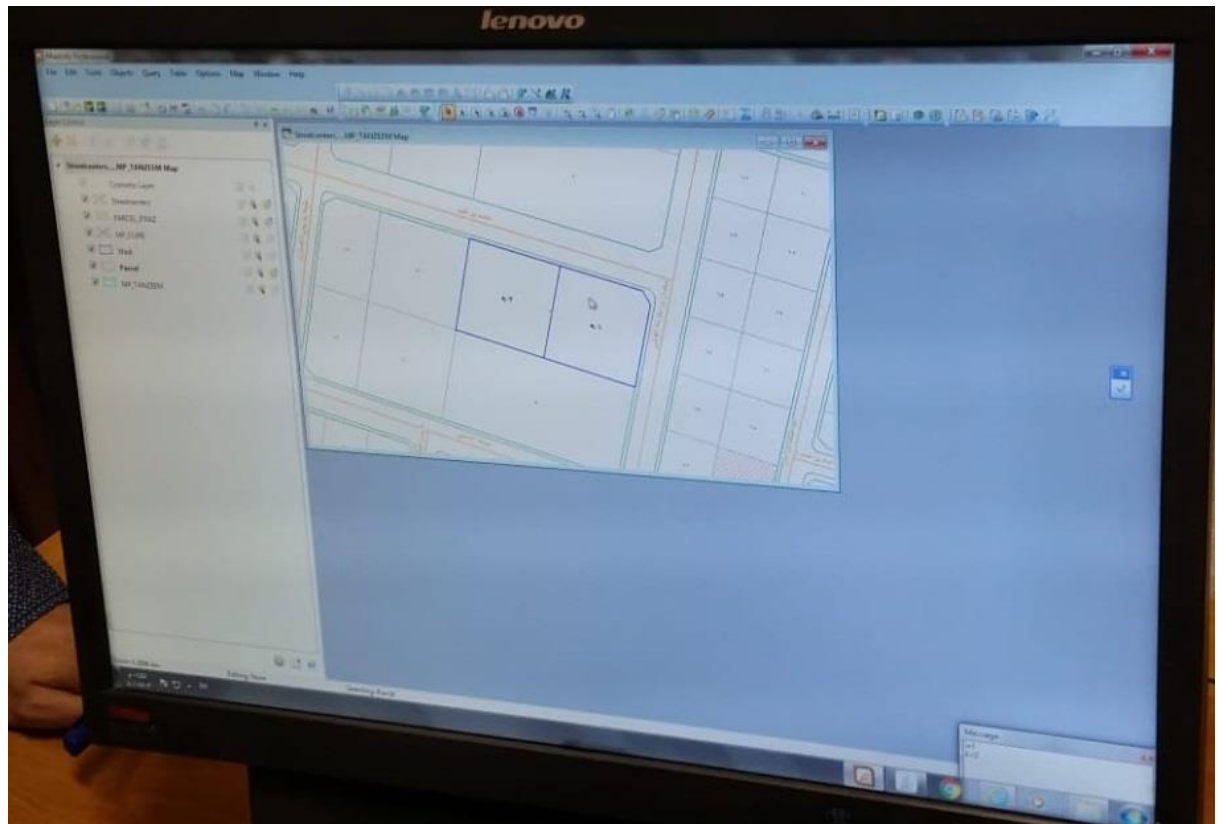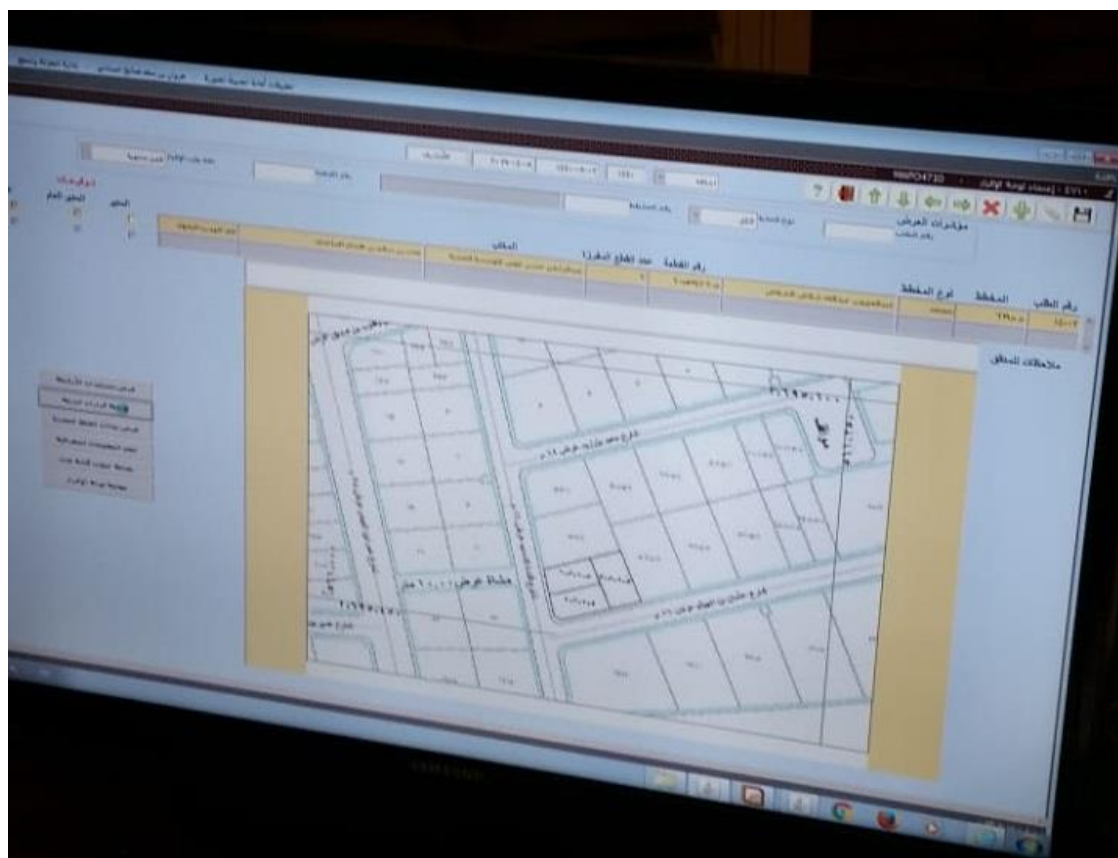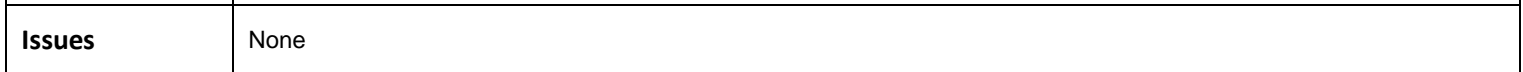

MapInfo Default open page.(Require Parcel):
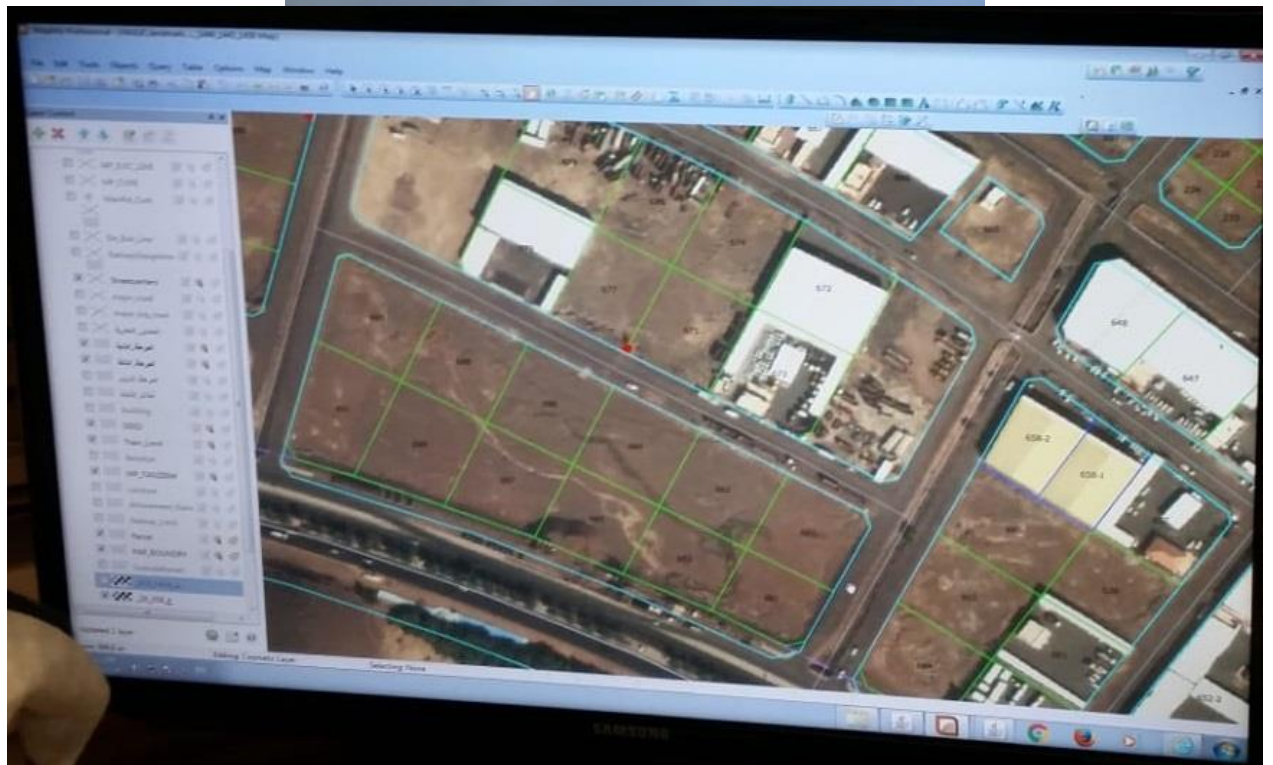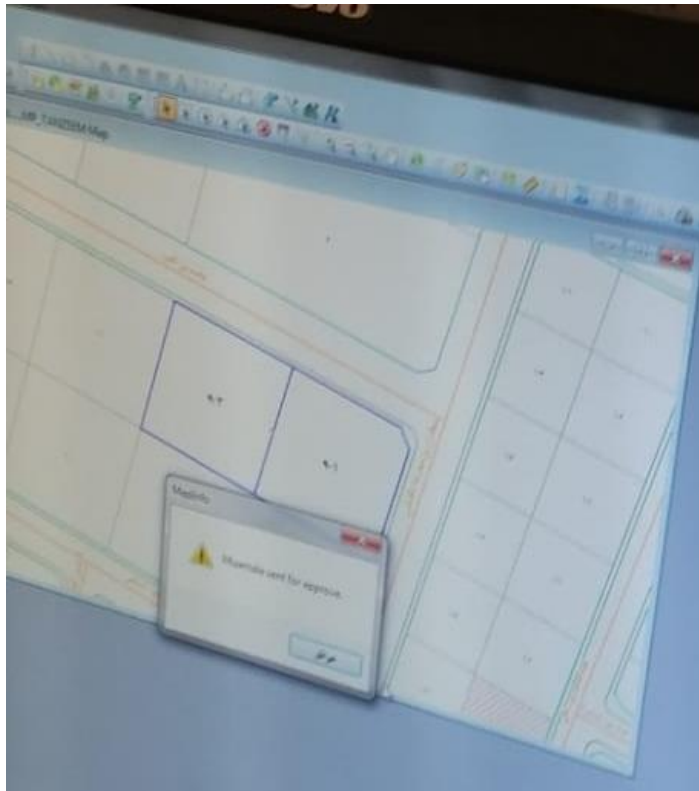
Attributes information display:

Ifraz Form:
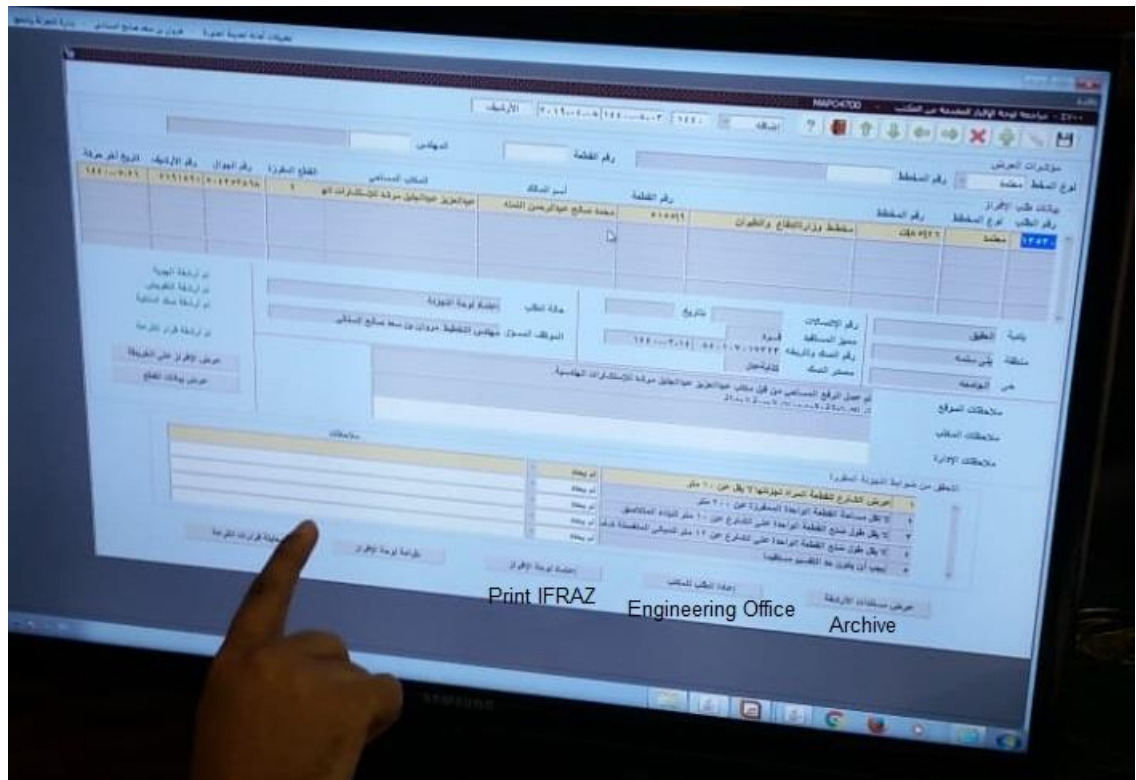
Ifraz Viewing Form:

For Approval Karar Ziraa Form:

Issues	None

Madinah Municipality Representative	GeoTech Representative
Name:	Name:
Signature: _____ Date: / /2019	Signature: _____ Date: / /2019
Comments:	Comments:

Attendees:
_____   _____ _____   _____ _____   _____