## Splitting Merging Requirement V1

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| **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) |
| **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 |

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| Madinah Municipality Representative | GeoTech Representative |
| Name: | Name: |
| Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: / /2019 | Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: / /2019 |
| Comments: | Comments: |
| Attendees:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |