1.1 PLANNING UNORGANIZED PARCELS SERVICE V.1
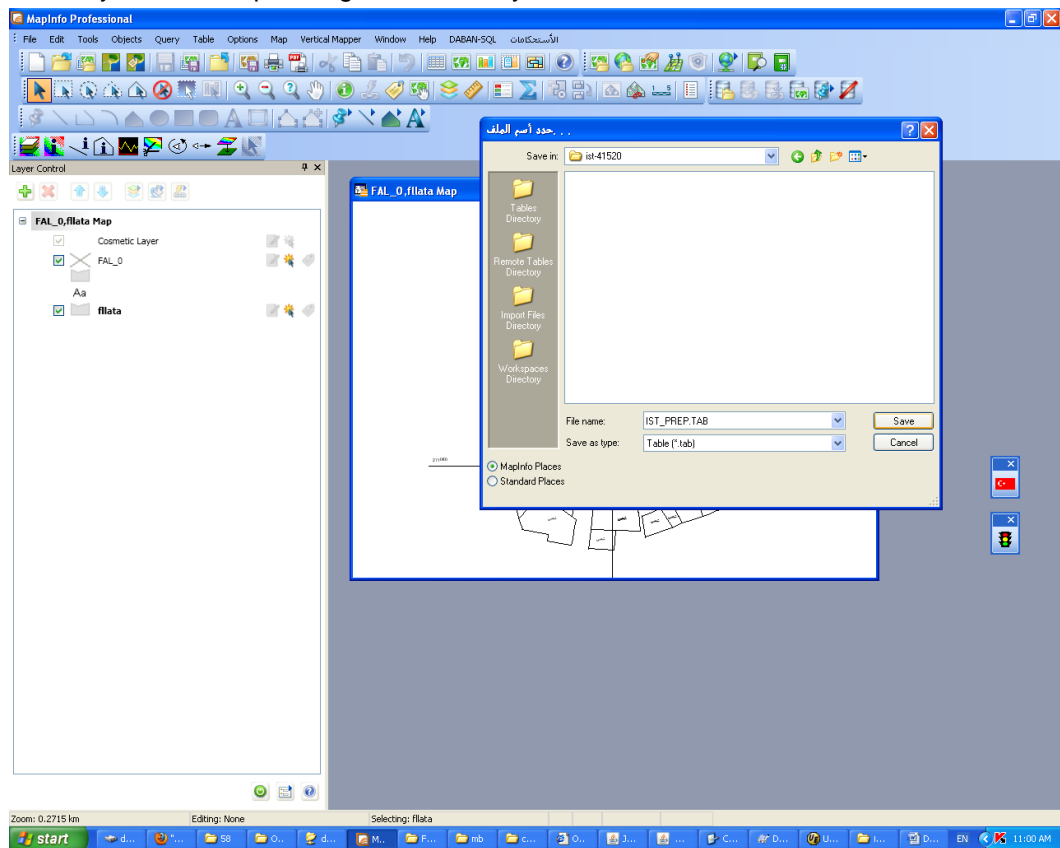
ITEM	DESCRIPTION
Name	Planning Unorganized parcels service
Description	• This system is currently using oracle form application inside map component and add/update/display New_parcel, SAK, deed information on the map. • Now Amana is upgrading oracle form to ADF application. • It will be to parts first is backend (APIs) & frontend (Map). • Starting point will be from engineering offices by registering and uploading survey (text file generated by map Info) • Then processing that steps as per attached workflow.
System Flow	a. Engineering Office send request of the approval for this SAK. b. When Engineering office send request. Document field information added the database and created order number. c. Request is going to the MapInfo side. They can check to the related sak information and it will generate to the text file (MapInfo desktop application and Oracle database communication provided by text file). This text file includes polygon vertex coordinate. d. When map info side checked the SAK then generated the text file next form upload to text file. e. Application will update Sak table. f. This step we have the sak or deed information for the related building or land. g. Next form it's going to survey department form to examine sak information. This form inside user can enter the order number and related building and sak information display on the map. h. Then request going to plan department. Planning department working to this deed information and generate Tanzim document (new parcel, wadi, street information etc.) Then sending to the surveying department for approval Tanzim document. i. Next form downloads to the created Tanzim file. Then send it the Engineering office. (There is a user manual after Tanzim file. ([http://amana-md.gov.sa/Pages/adv/Documents/-20%المكاتب20%الهندسية](http://amana-md.gov.sa/Pages/adv/Documents/) [20%.pdfدليل20%اعداد20%البيانات20%قبل20%التنظيم20%وبعد20%التنظيم](http://amana-md.gov.sa))). It will generate to the text file and save the database. j. Next form Karar ziraa send the approval survey department. This process upload to the GIS Layer and insert new things. k. This step there is a 2 option. Survey department accept the engineering office document, or they can generate own document. l. Next form open approval karar ziraa document file. Map component displays Engineering office document with all layer information on the map. This form inside all text field editable They can edit and update to the system. Then request is going to engineering office.

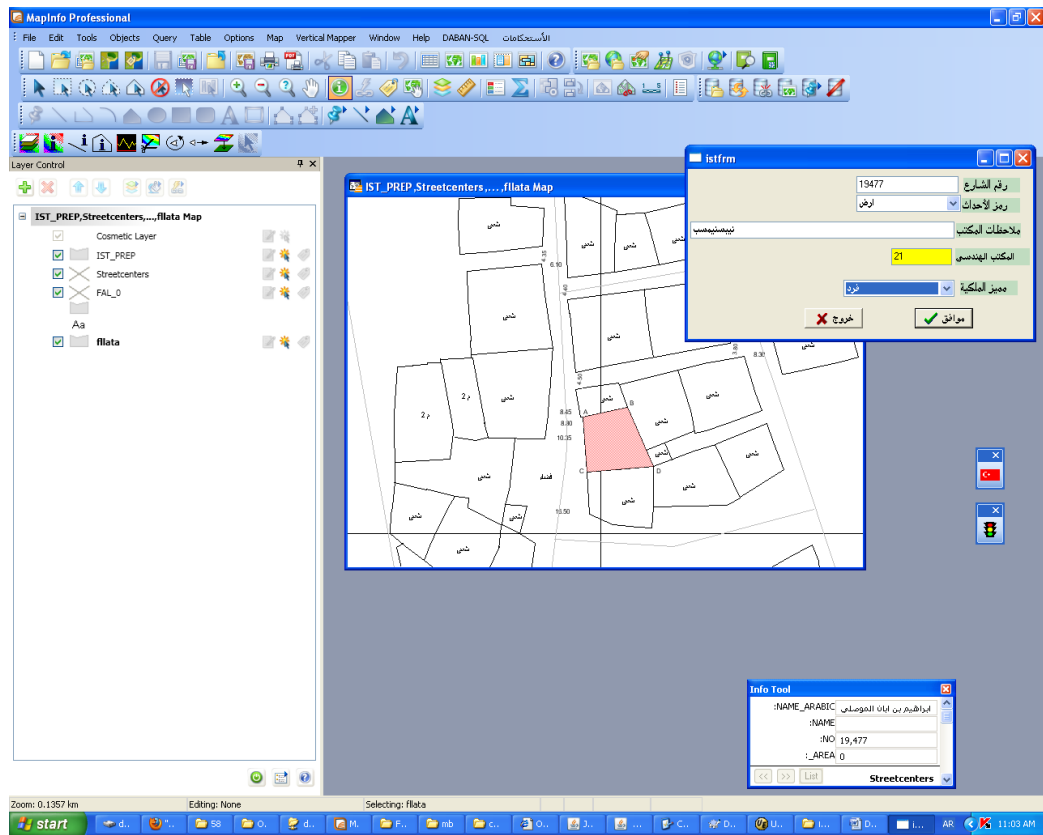|	
Input Parameters	Order Number
Layers Involved	Parcel SAK DEED Satellite Base Map
Map Default Load	Display on the map New_parcel/deed/SAK by order No..
Map Query Load	Satellite image New_parcel/deed/SAK layer
Required Map Functions	When user open form and entering to the order number then related parcel information zoom to on the map.
Excepted Use Cases	- Engineering office login to the system. - Engineering office Register information - Engineering office Archive - Engineering office Upload survey (Create SAK) - Building conditions department login to the system. - Building conditions department review related layers and require feature on the map. - Building conditions department Approve (create Deed)/Add notes survey - Medina planning department login to the system. - Medina planning department (Engineers) approval - Medina planning department (painters) saving tanzeem layers - Medina planning department (auditors) approve/add notes - Medina planning department (Manager) - Naming & numbering department login to the system. - Naming & numbering department checking and adding street details or building No. - Engineering office preparing Qarar Zera'a - Building conditions department approve Qarar Zera'a - Engineering office review Qarar Zera'a - Engineering office (surveyor) sign - Engineering office (manager) sign
Add Entry in GIS System	Adding SAK Adding DEED Adding New Parcel
Update Entry in GIS System	Update SAK
Delete Entry in GIS System	Delete SAK
Existing System Screenshots and Code	**OFFICE APPLICATION**

1-Open your table which is converted from autocad to mapinfo object (must be closed object) .Enter information with this menu
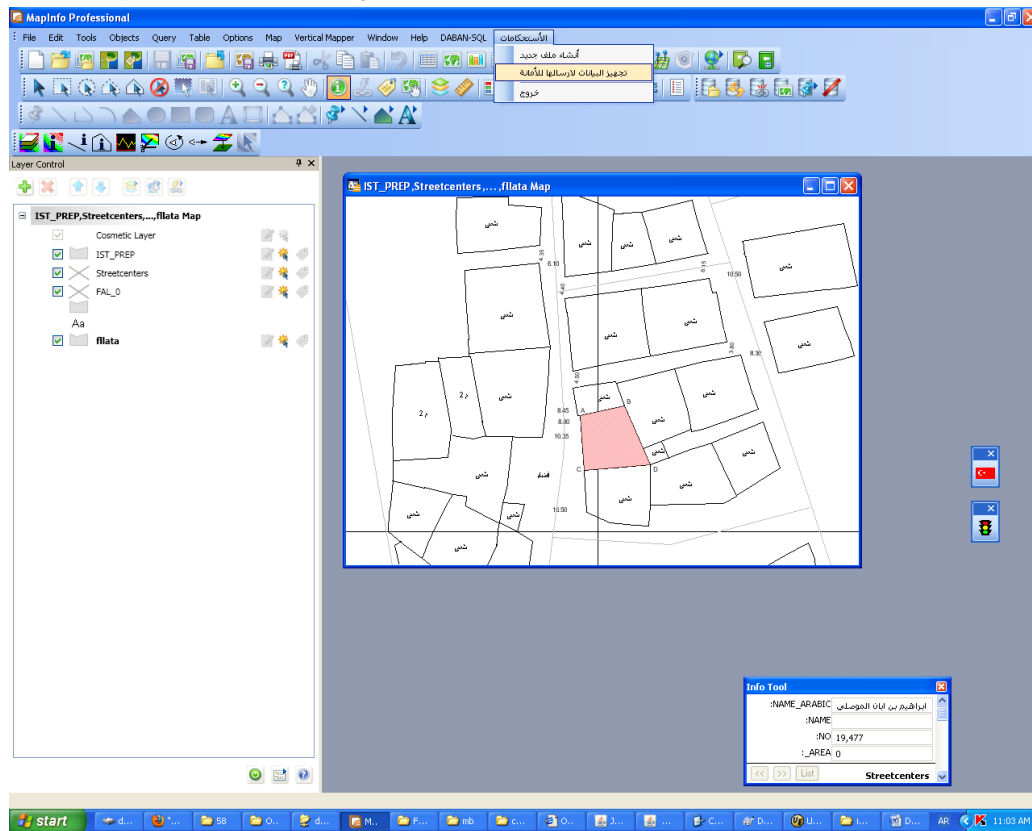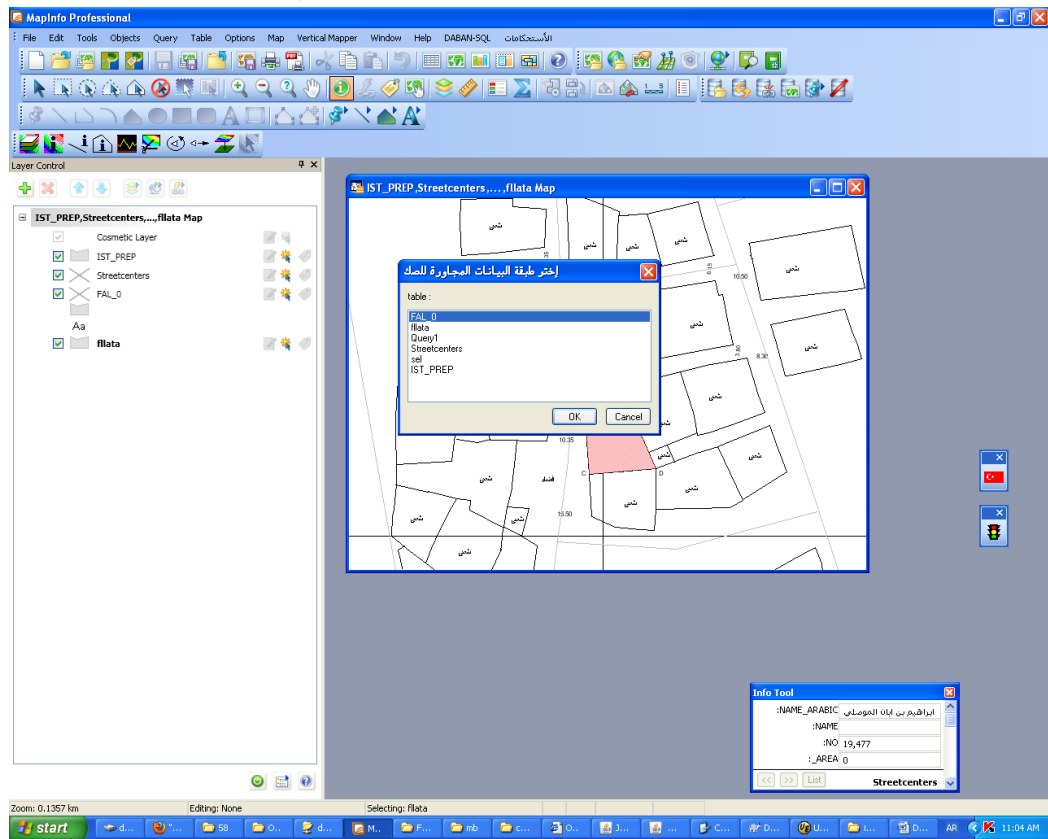
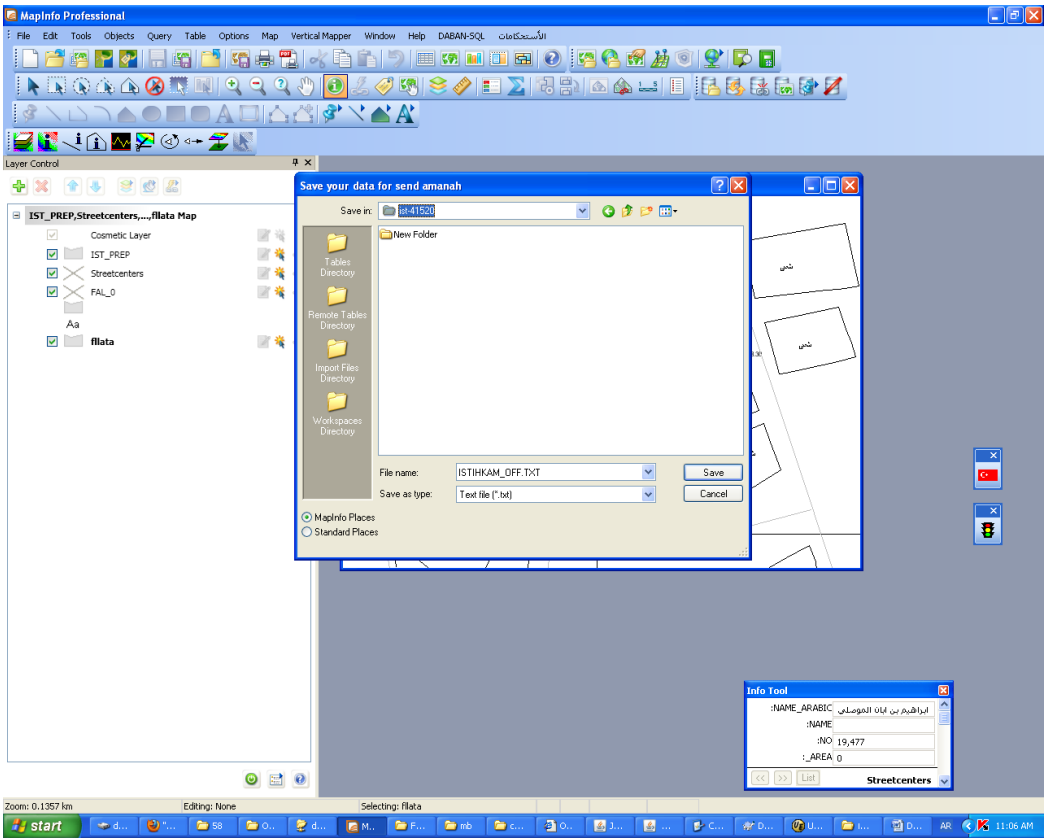2.Save your file for uploading to Amanah system.

3-Enter information

4-Prepare your data for uploading use this menu
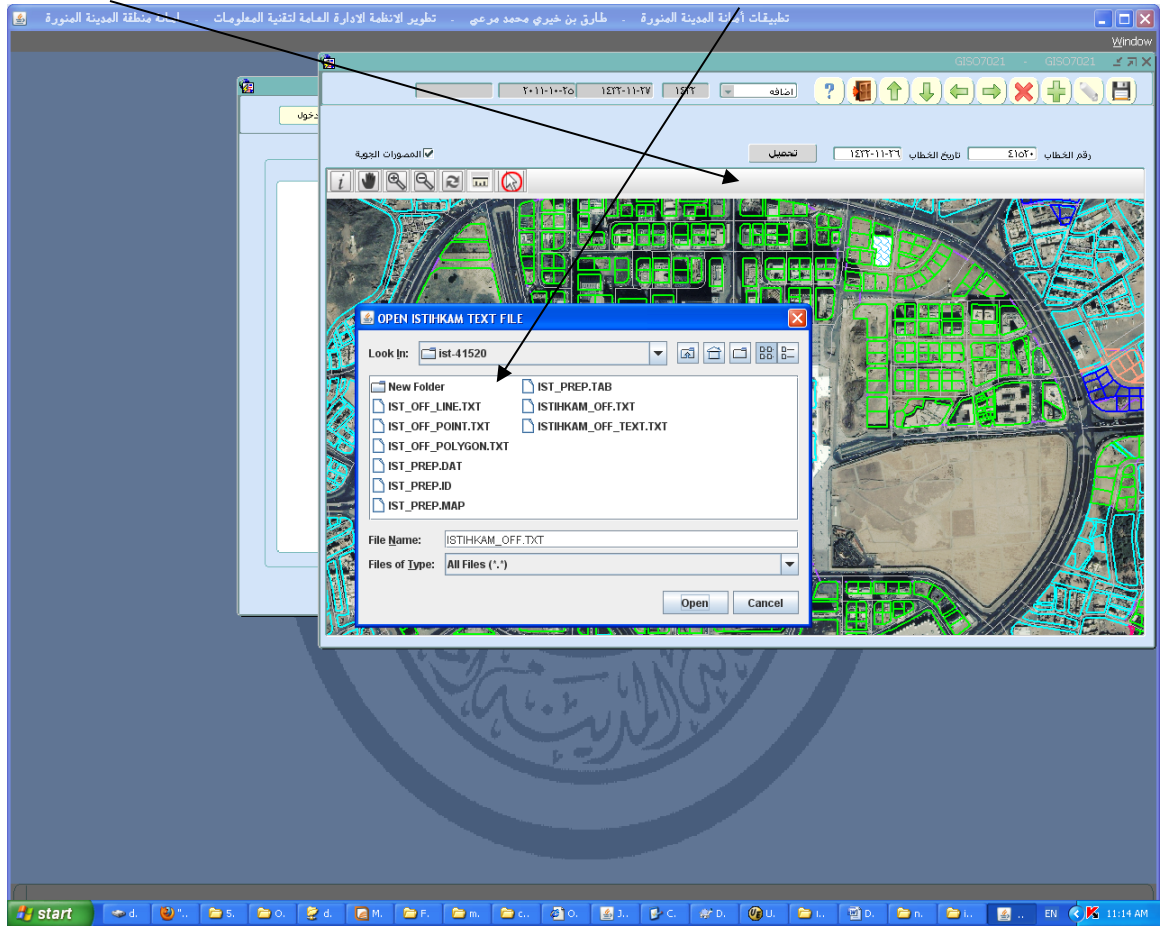
5-Select Details(outside) layer

6-Save your files

	7-Open amanah system and open this application (should be the new web application)
	8-Before upload you order no
	9-Upload your file and select your files where you saved before…
Text file names	1- SAK.TXT: tabname=SAK Fields=21 CNTNO CNTDAT

Inside the dialog (OPEN ISTIHKAM TEXT FILE):

Look In: ist-41520

New Folder
IST_OFF_LINE.TXT   IST_PREP.TAB
IST_OFF_POINT.TXT   ISTIHKAM_OFF.TXT
IST_OFF_POLYGON.TXT   ISTIHKAM_OFF_TEXT.TXT
IST_PREP.DAT
IST_PREP.ID
IST_PREP.MAP

File Name: ISTIHKAM_OFF.TXT
Files of Type: All Files (*.*)

Open   Cancel

CNTSRC
OWNID
OWNNAME
BERAUNO
NRTHTXT
SUTHTXT
EASTTXT
WESTTXT
NRTHBRD
SUTHBRD
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12.6
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12.2
10
ÍÓÈ ÇáÕß ÇáÔÇÑÚÚ æãäæ ÇáÈÇÇÈ æÇáÓÇÓÊÊÑÑ ÍÓÈ ÇáØÈíÚå ÇáÔÇÑÚ ÈÚÑæÖ ãÎÊáÝå ãä 6.17 ã Çáí 6.80 ã æãäæ ÇáÈÇÇÈ
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ÍÓÈ ÇáÕß ÇáÔÇÑÚÚ æãäæ ÇáÈÇÇÈ æÇáÓÇÓÊÊÑÑ ÍÓÈ ÇáØÈíÚå ÇáÔÇÑÚ ÈÚÑæÖ ãÎÊáÝå ãä 4.48 ã Çáí 5.18 ã æãäæ ÇáÈÇÇÈ
ÏÇÑ ÚÇÈÏ Èä ãÛíãÏ ÇáÔÈíÝí

ÇËÈÇÊ ãÓÇÍå æÚÑæÖ ÔæÇ

Çáæ ÇáÔÑí ãÍÇ Óí ÇÇÇ åá Çì ÇáÇÛ

9510

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3- SAK_DETAILS_POINT.TXT :
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ObjType=1
4- SAK_DETAILS_POLYGON.TXT:
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560359.877096926,2705621.98849240
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Rec=10

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Rec=13

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Rec=14

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Issues	None

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

Attendees:
_____   _____ _____   _____ _____   _____