User Manual

DOLIDAR
CONSTRUCTION SITE MONITORING

Softwel (P) Ltd.

1. First of all, the account has to be set (to fill forms for New site, Edit site, Upload or Sync data from server) else you will get following error message.
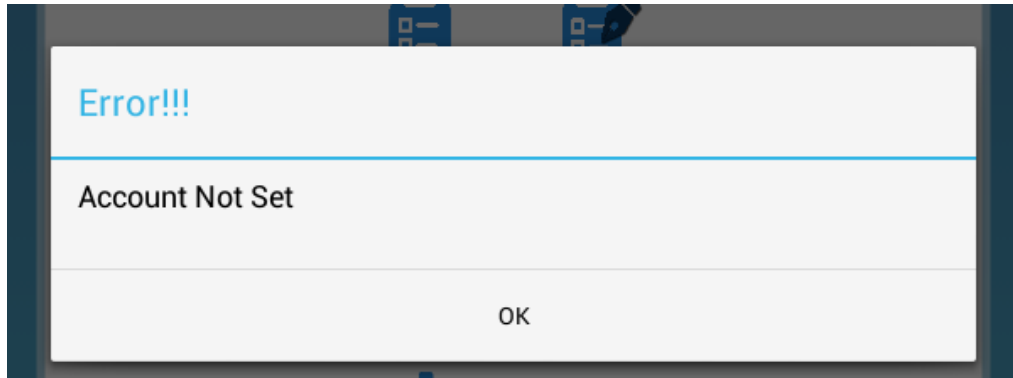

Figure 1: Error message for Account not set

2. To set account go to toolbar menu and press "**Set Account Detail**" as shown in *Figure 2*
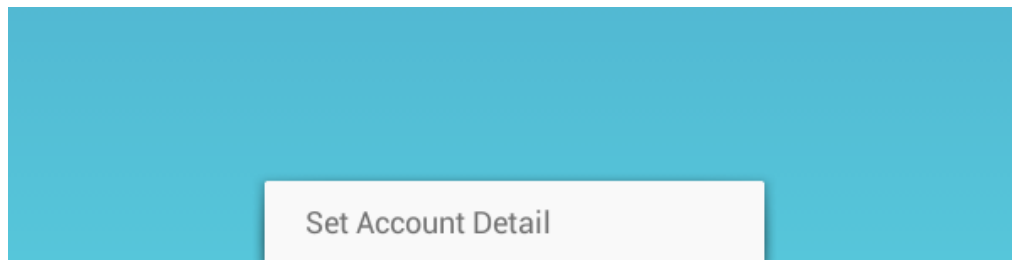

Figure 2: Toolbar Menu

3. After pressing the Toolbar menu the following screen appears. Type User ID which is your email id and Password and press "**Set**" button to set user account.
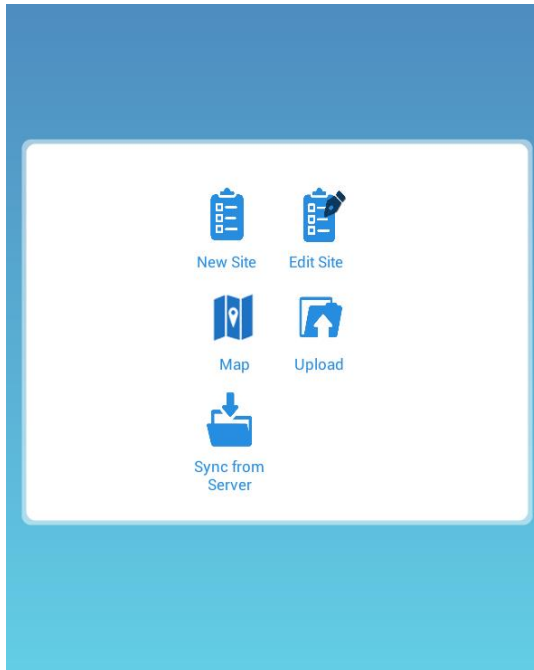
Figure 3: Set Account form

Figure 4: Main Screen

Figure 5: Initial Details

1. *Figure 4* is the main screen of the application. New sites can be entered, edited, viewed in map and can also be uploaded from this page.

2. Click on "**New Site**" button as shown in *Figure 4* to enter the data for new site.

3. Before clicking "**New Site**" you need to press "**Sync from Server**" button to get data required for the app else you will get the error message as shown in the *Figure 6*.

4. *Figure 5* is the second screen (Initial Details) after clicking in "**New Site**" button.

5. All the fields in this form are mandatory.

6. Choose district from the dropdown list.

7. Choose the D-year from the dropdown considering the current fiscal year.

8. Choose the Road code from the dropdown list.

9. Fill the form completely and press "**Save**" button.

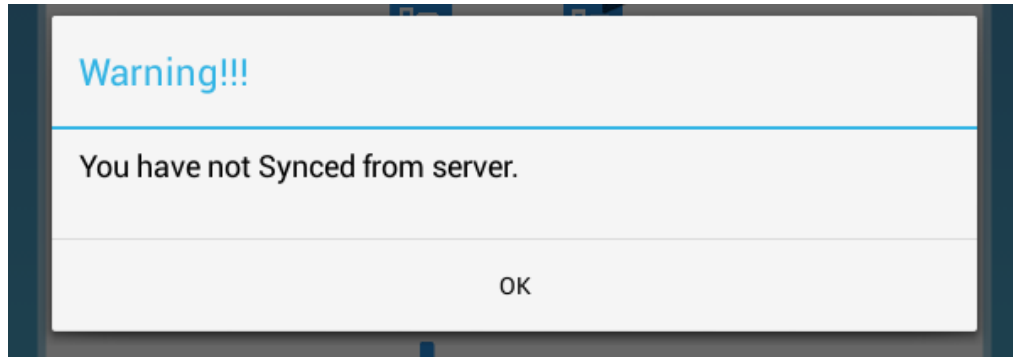10. You will be directed to *Figure 7* after pressing "**Save**" button.
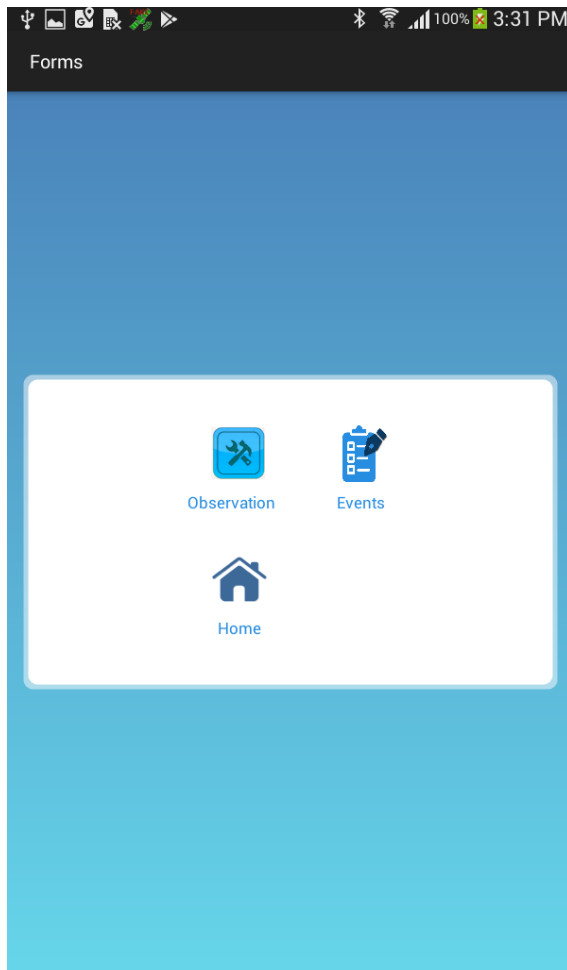
Figure 6: Warning message to sync data from server
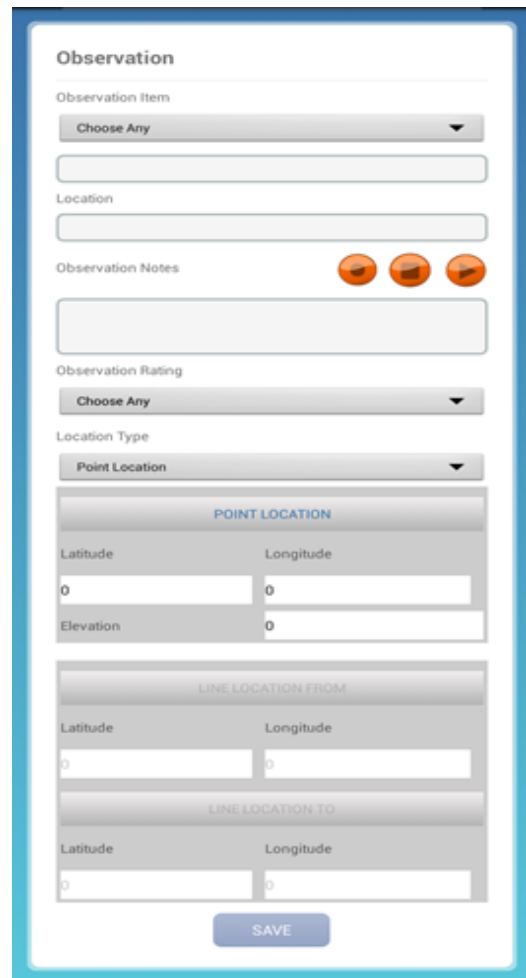

Figure 7: Forms

Figure 8: Observation

1. Click on "**Observation**" button to get the observation form.

2. *Figure 4* is the complete observation form.

3. Choose the observation item from the dropdown menu.

4. If "**Other**" is selected from the dropdown menu, then you can type some information about it in the below section.

5. "**Observation Notes**" can either be typed or can be recorded.

6. Press the record button to start recording and press stop button to end the recording.

7. Select "**Location Type**" before getting the location.

8. If "**Point Location**" is selected then press on "**Point Location**" button below and wait for the GPS to get the location. After Latitude and Longitude is displayed press "**Set**" to set the location.

9. If "**Line Location**" is selected then press on "**Line Location From**" to get starting location and press on "**Line Location To**" to get the end location.

10. Both "**Line Location From**" and "**Line Location To**" buttons have to be pressed if "**Line Location**" has been selected in the "**Location Type**" drop down menu.

11. Fill the form completely and press "**Save**" button.

12. You will be directed to *Figure 5* after pressing "**Save**" button
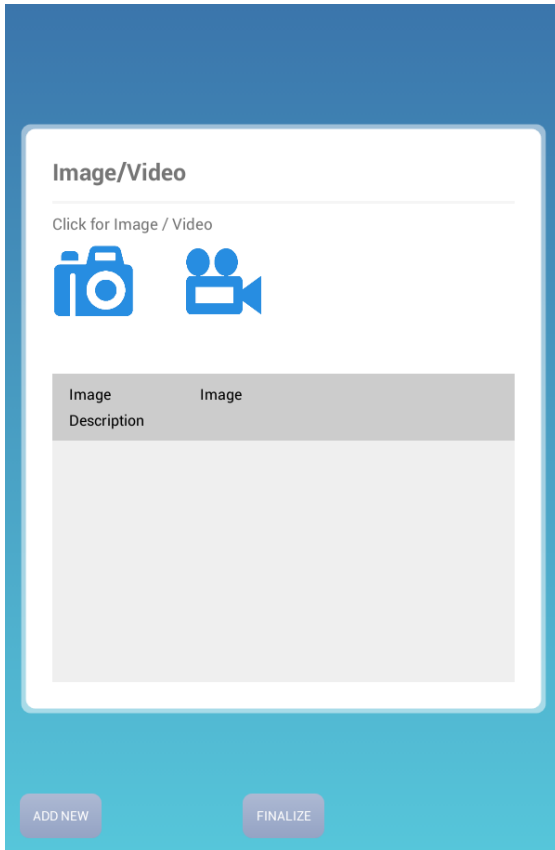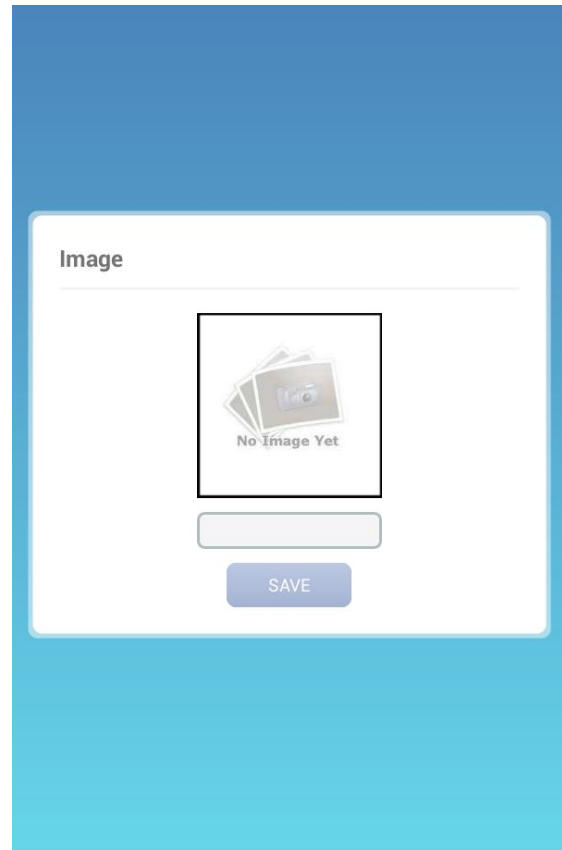
Figure 9: Image Video

Figure 10: Take Image

1. Click on Camera icon to get image form.

2. Fill in the description and press on the image to access camera and take picture.

3. Press "**Save**" to save the photo and description.

4. Press Video icon to get the below form. Fill in description and press "**Rec**" to start recording and "**Stop**" to stop recording.

Figure 11: Record Video

1. Press on the image thumbnail to get the below dialogue. You can edit or delete the photo.
2. In *Figure 5* Click "**Add New**" to fill in more Observations
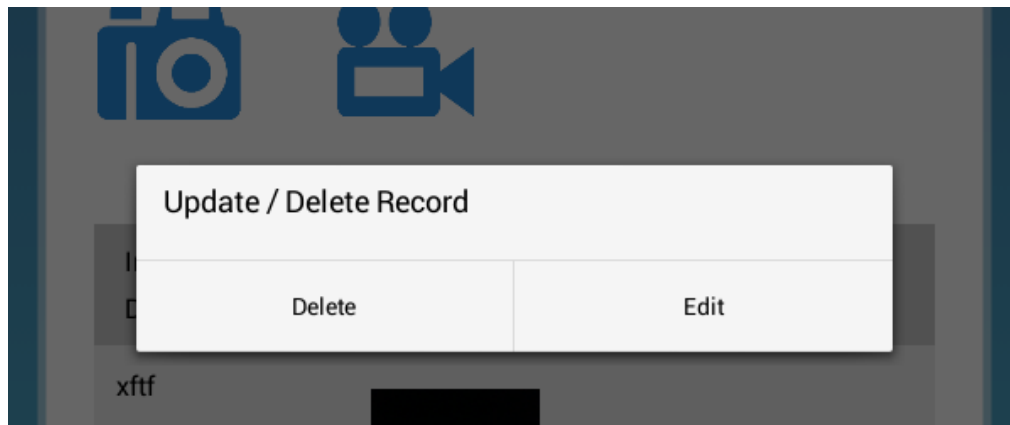3. Click "**Finalize**" if all the observations are completed.

Figure 12: Edit and Delete Image

1. Press "**Edit Site**" button to get the below screen.
2. The "**Not Uploaded**" Tab and "**Uploaded**" Tab contains the list of obsevation reports (showing their Road code, Date and Time of creation) that are not synced and already synced respectively .
3. Select any one report you wish from either tabs to edit and press "**Edit**".
4. After pressing "**Edit**" button the page is navigated to the Initial Details page with the corresponding values.
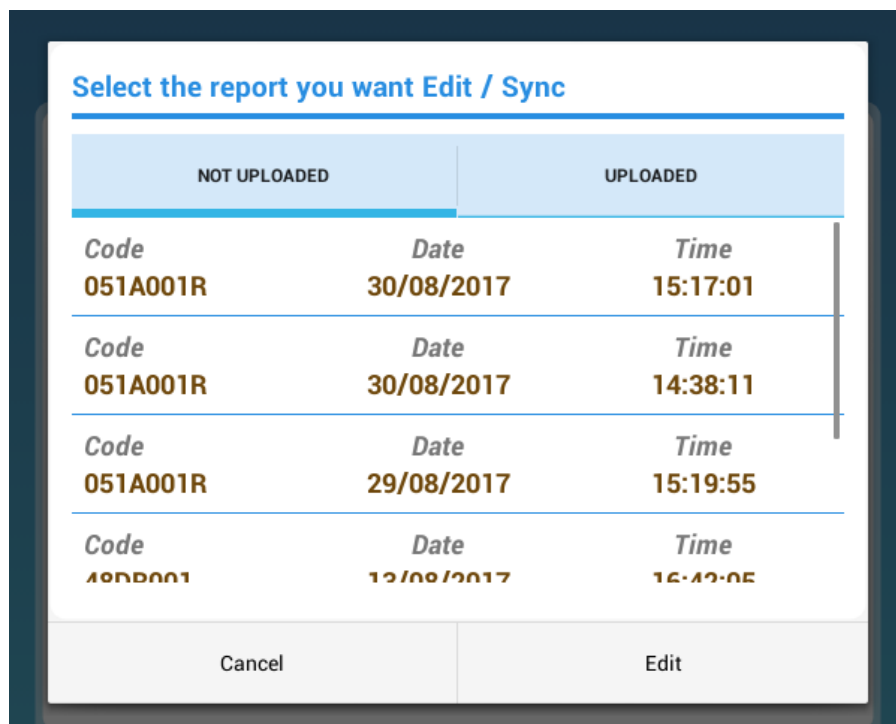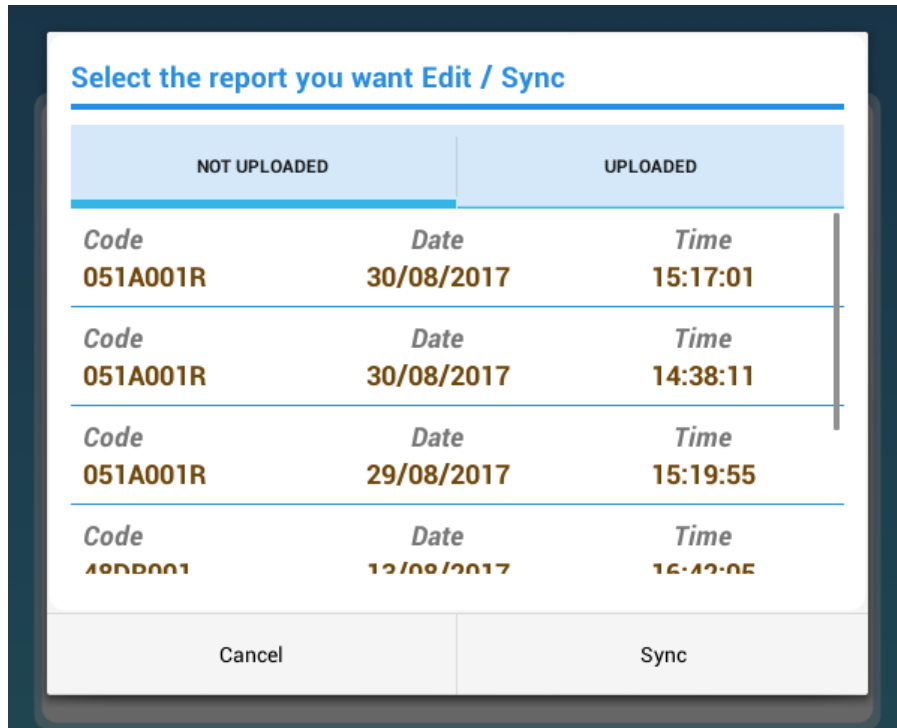

Figure 13: Edit site Alert Dialog

Figure 14: Upload Alert Dialog

1. Press "**Upload**" button to get the above screen.

2. The "**Not Uploaded**" Tab and "**Uploaded**" Tab contains the list of reports (showing their Road code, Date and Time of creation) that are not synced and already synced respectively.

3. Select any report you wish from either tabs to sycn to server and press "**Sync**".

4. After pressing "**Sync**" button an alert dialog appears confirming the sync process as shown below. Press "**OK**" button to continue the uploading process and press "**Cancel**" button to halt process.
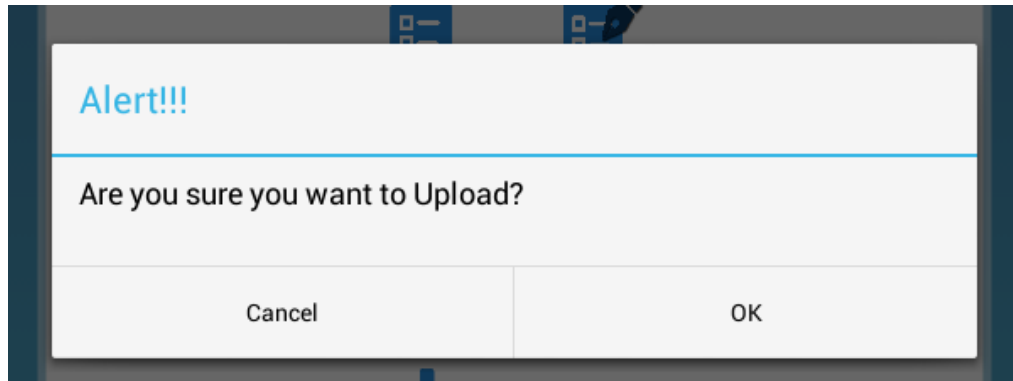
Figure 15: Confirmation Alert Dialog