



Spark Motion Pro

User Manual

1. The following screen will be shown after the Splash screen. Note that the Cloud ID is shown on the Login and Home screens.

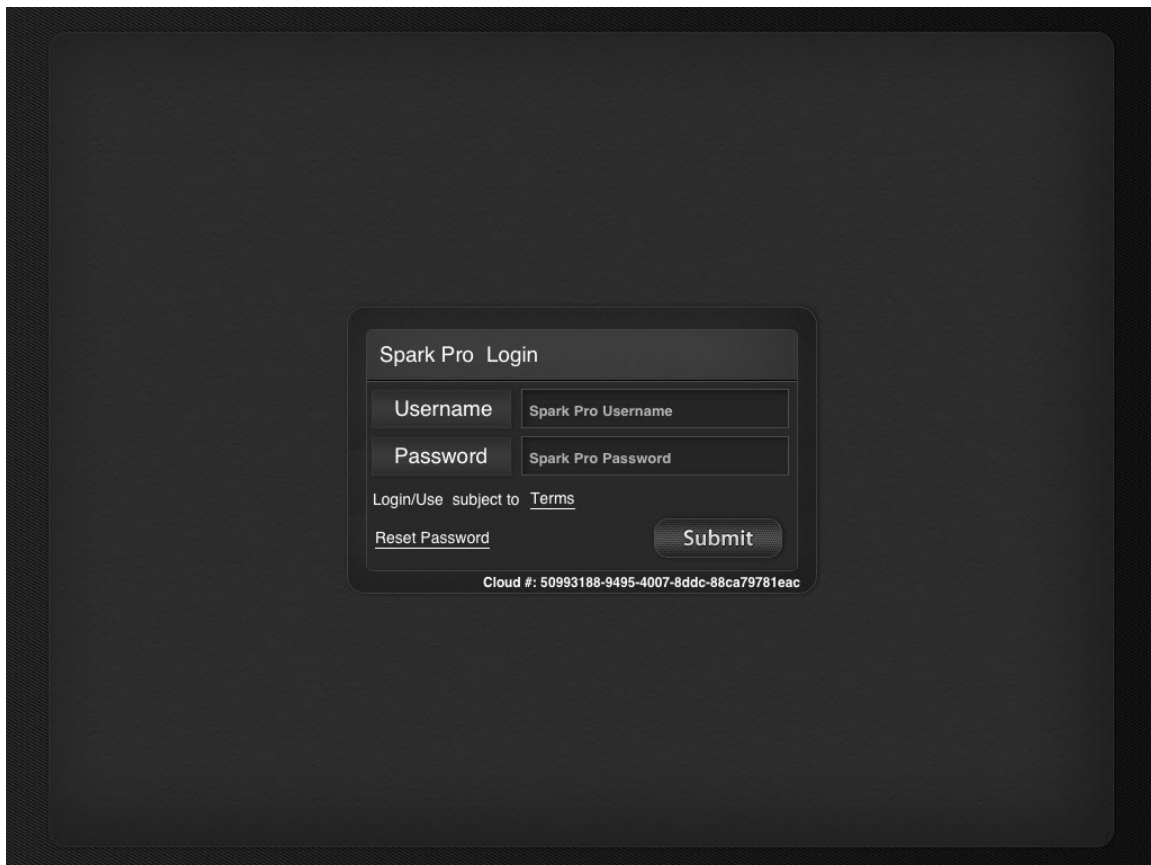
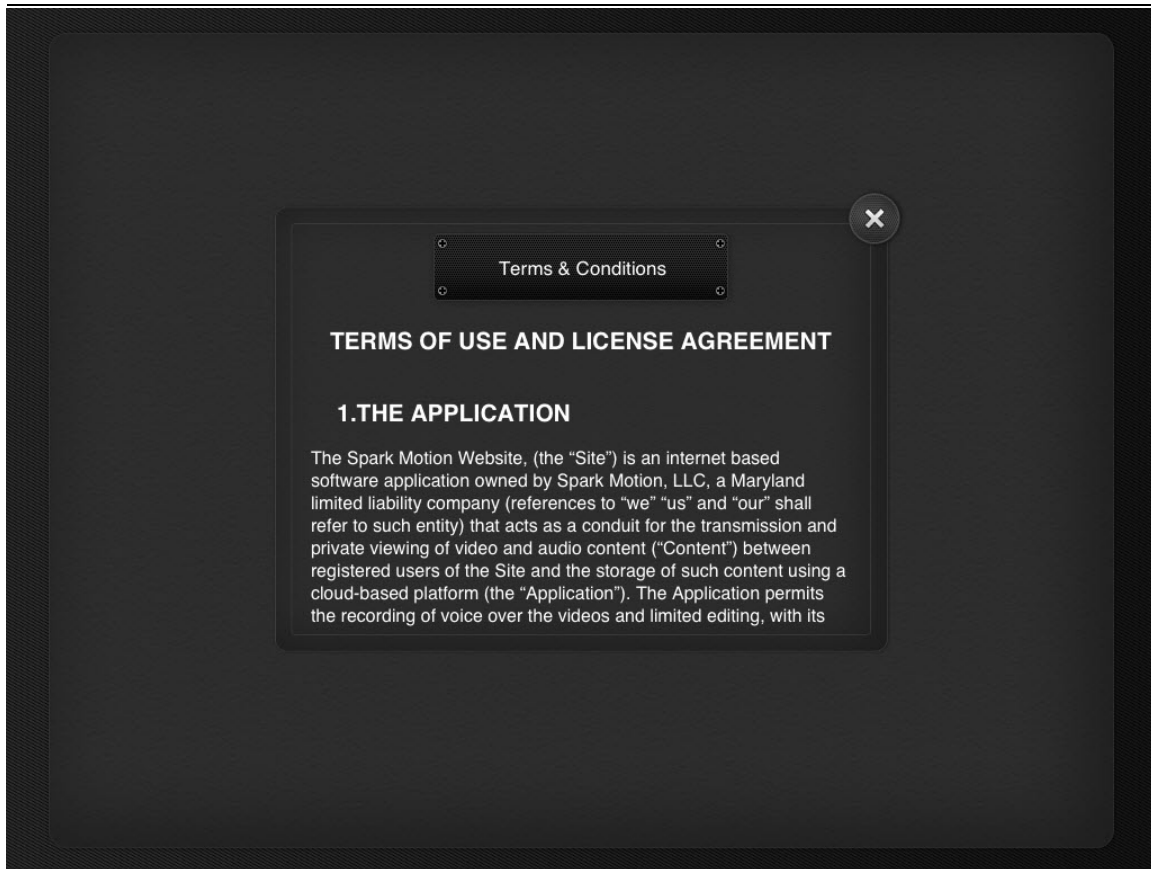

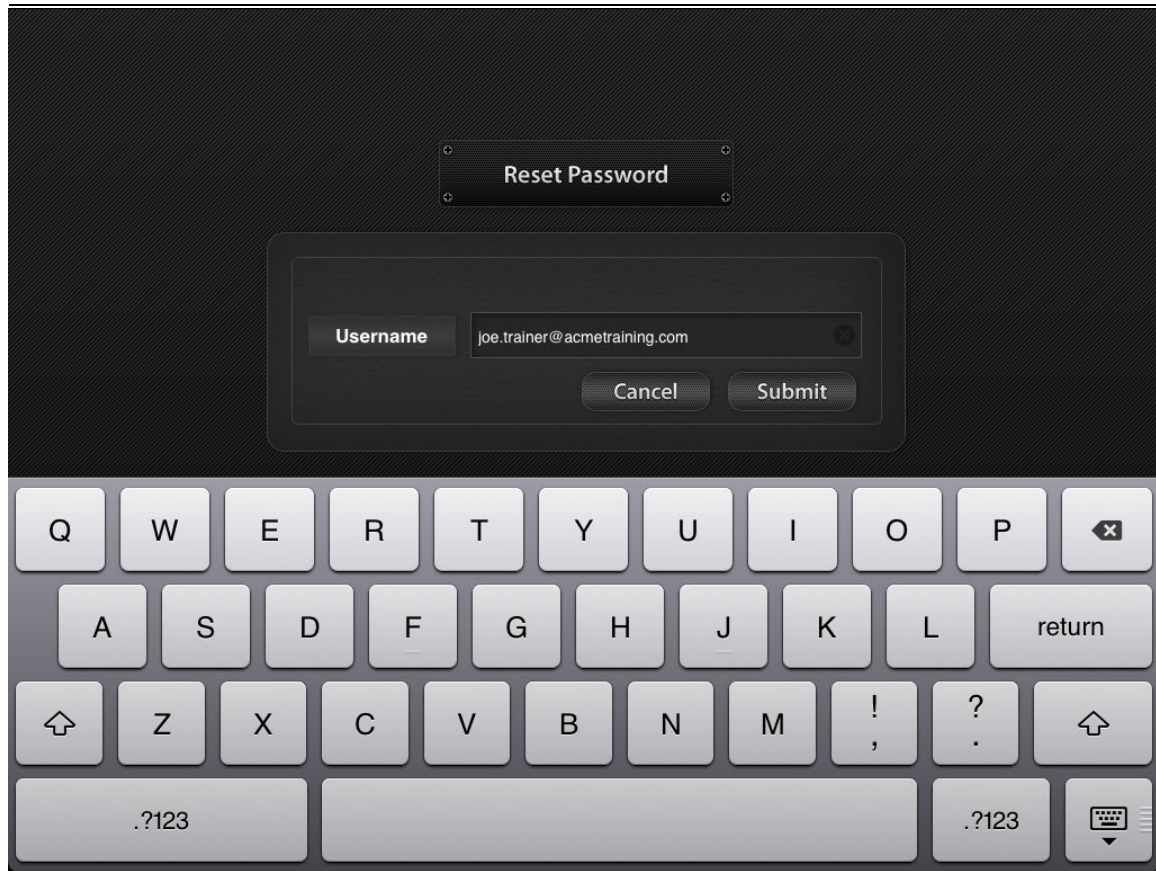
The image shows a dark-themed login screen for 'Spark Pro'. In the center is a lighter gray rounded rectangle containing the login form. The form has a title 'Spark Pro Login' at the top. Below it are two input fields: 'Username' with the placeholder text 'Spark Pro Username' and 'Password' with the placeholder text 'Spark Pro Password'. Below the password field are three links: 'Login/Use subject to Terms', 'Reset Password', and a 'Submit' button. At the bottom of the form, the 'Cloud #' is displayed as '50993188-9495-4007-8ddc-88ca79781eac'.

Figure 1

1. The user must specify his/her credentials and tap **Submit**.
  - a. To view the Terms and Conditions, the user can tap **Terms**. The following screen will be shown (see Figure 2).

**Figure 2**

- b. Scroll down to view the remaining content.
  - c. Tap  to close the window.
2. To obtain the password if forgotten, the user can tap **Reset Password** in the Login screen (see Figure 1). The following screen will be shown (see Figure 3); enter the email id to receive the new password.



**Figure 3**

- a. Enter the email id and tap **Submit**.
- b. A screen with the security question will be shown (see Figure 4).

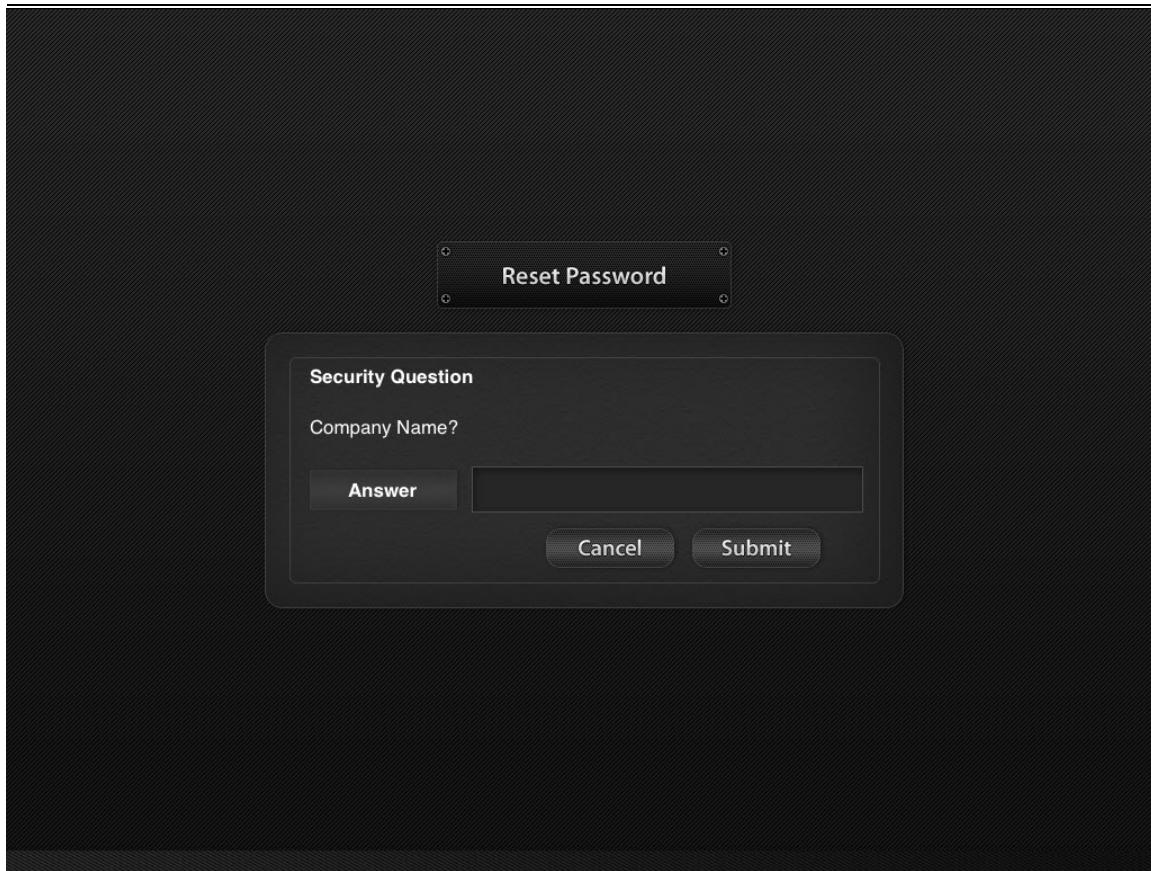


Figure 4

- i. The user is expected to provide the answer to the security question and tap **Submit**.
  - ii. A message will be shown stating that the password has been mailed to him/her.
3. On successful login, the Home screen (see Figure 5) will be shown.

## 1. Home screen

The Home screen will be shown on login, or after the Splash screen if the user had logged in already. Note that the Cloud ID is shown on the Login and Home screens.

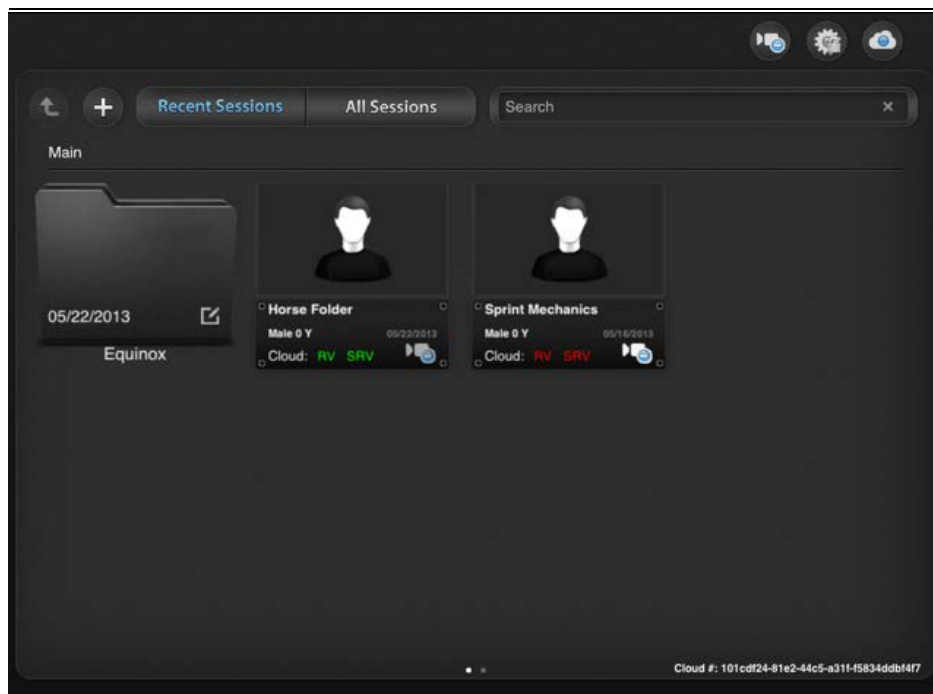










Figure 5

1. The screen is described below:


- a. : Tap this icon to delete all the videos that have been uploaded to Cloud Service from the device. See page 13 for details.
- b. : Tap this icon to manage password protocol, which is a security feature. See page 14 for details.
- c. : Tap this icon to upload/download files from Cloud Service. See page 15 for details.
- d. **Folders:** The user may be shown the client files or folders s/he has created. A client file will have the client's image and profile details. Client files of the same type can be grouped into folders. For client files,
  - i. The  icon is provided to enable the deletion of videos already uploaded to Cloud Service from those client files.
  - ii. **Cloud: RV SRV** – RV (Raw Videos) and SRV (Screen Recorded Videos) will be shown in Red if there are any videos of either type pending upload to Cloud Service. Note that the default color is Red and will

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change to Green only when the videos are uploaded to Cloud Service from the device.

- e. To edit the folder name, the user must tap the **Edit** icon  and modify it as required.
- f. **Recent Sessions/All Sessions:** By default, the client files that have been added recently are shown, with the available folders leading the list. This is a single-page display. That is, only the latest folders and client files that can be accommodated in a single page are shown. To get the Split View and view the folders and client files in two sections on the same page, the user can swipe to the left (refer to page 11 for details)
- g. **Search:** Tap this field and specify at least the first few letters of the client's name. Matching results will be displayed.
- h. : The Up Folder icon is enabled only when the user is viewing the contents of a folder (see the right pane in Figure 10).
- i. : The **Add** option that allows the creation of new folders and client files (see page 7 for details).
- j. : At the bottom of the screen, the availability of two pages is indicated. Swipe to the left to view the next page; the Split View will appear (see page 11 for details).

## 1.1. Add a new Folder or Client File

1. Tap the  button on the navigation bar.

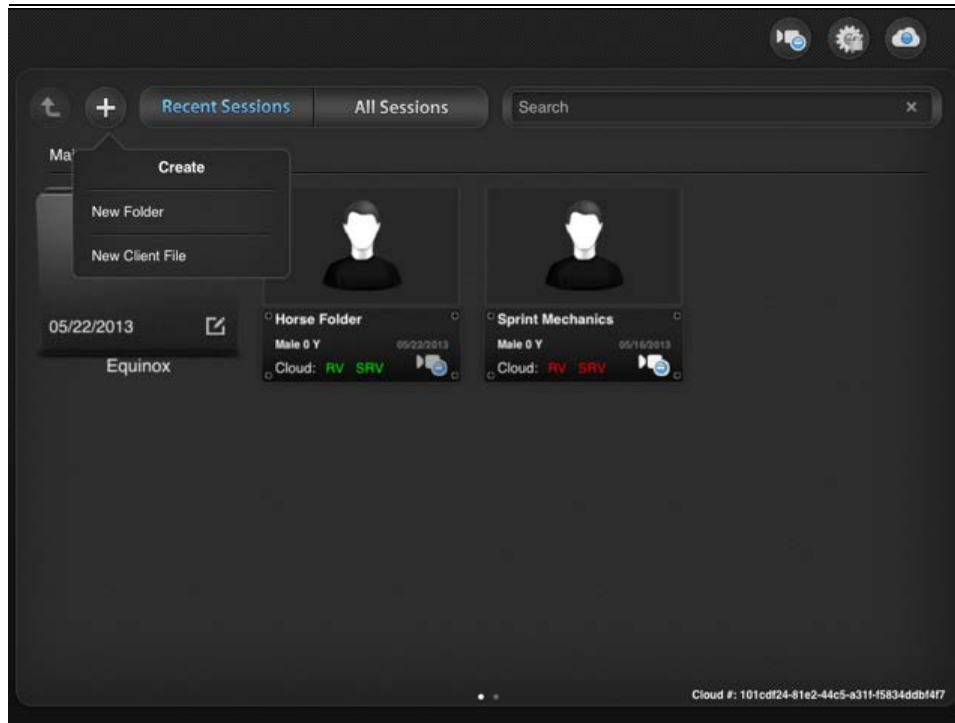


Figure 6

2. Select an option.
  - a. If **New Folder** is selected, the following popover will be shown.



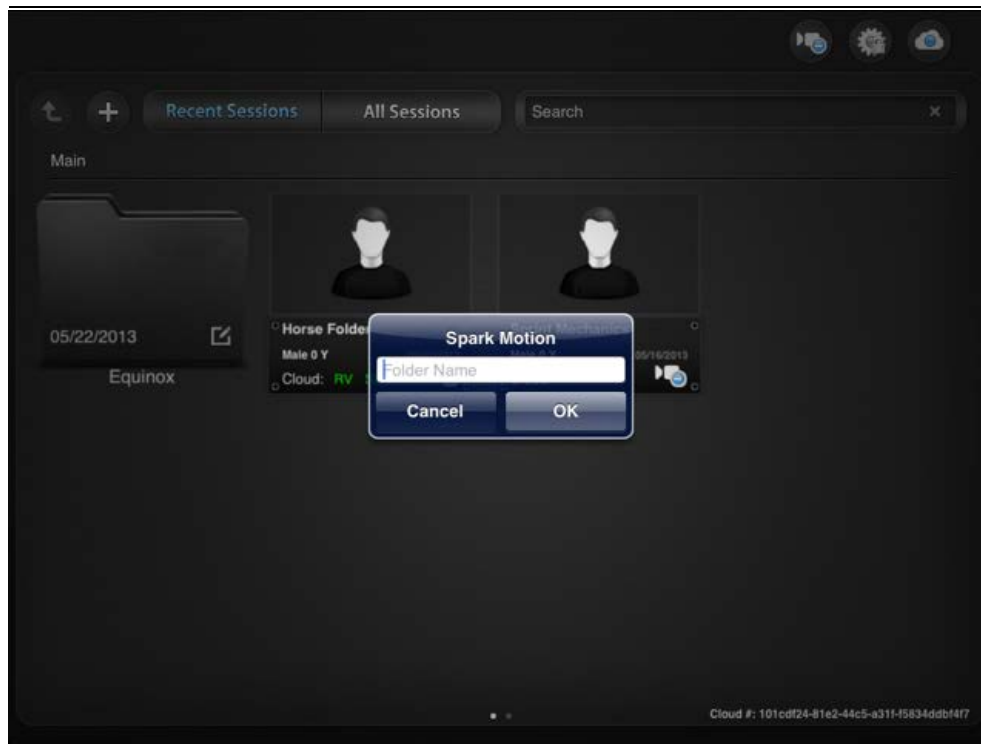


Figure 7

- i. Enter a folder name and tap **OK**. The new folder will be added to the Main Display.
- b. If **New Client File** is selected, the following screen will be shown.

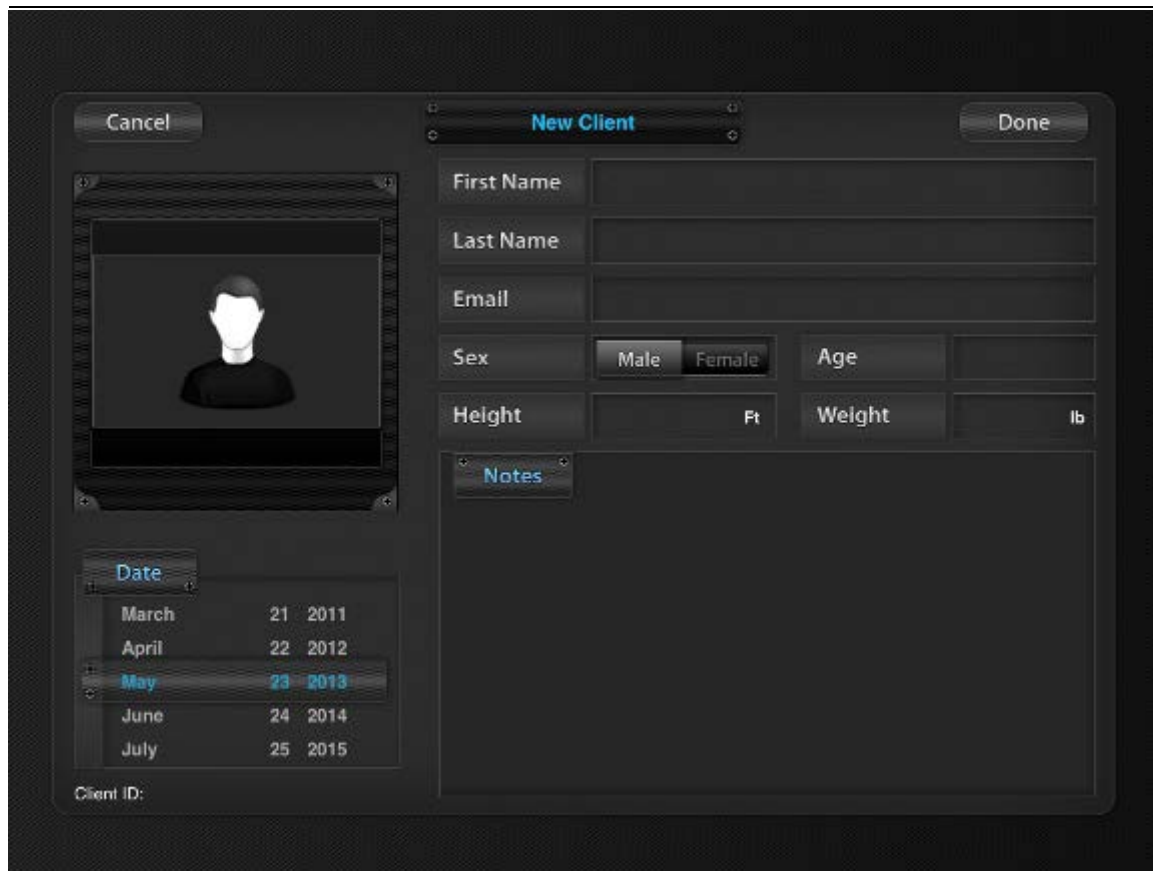


Figure 8

- c. The screen is described below:
- i. To provide a photo, tap the thumbnail. Select either Camera or Photo Library, and capture or select the photo.
  - ii. **Date:** This is the profile creation date. Select the month, date and year from the picker.
  - iii. **Client details:** Tap each field and provide the details.
  - iv. **Notes:** Tap this field and enter any general notes about the client.
  - v. **Done:** Tap this button after entering the details. The profile will be added under **Recent Sessions** in the Home screen and the Preview mode will be shown.
    - **Cancel:** Tap this button on the navigation bar to return to the Home screen without adding a session.
- d. To delete a folder or client file, use the tap and hold action.

## 1.2. Access the Split View

1. While on the Home screen (see Figure 5), swipe to the left.

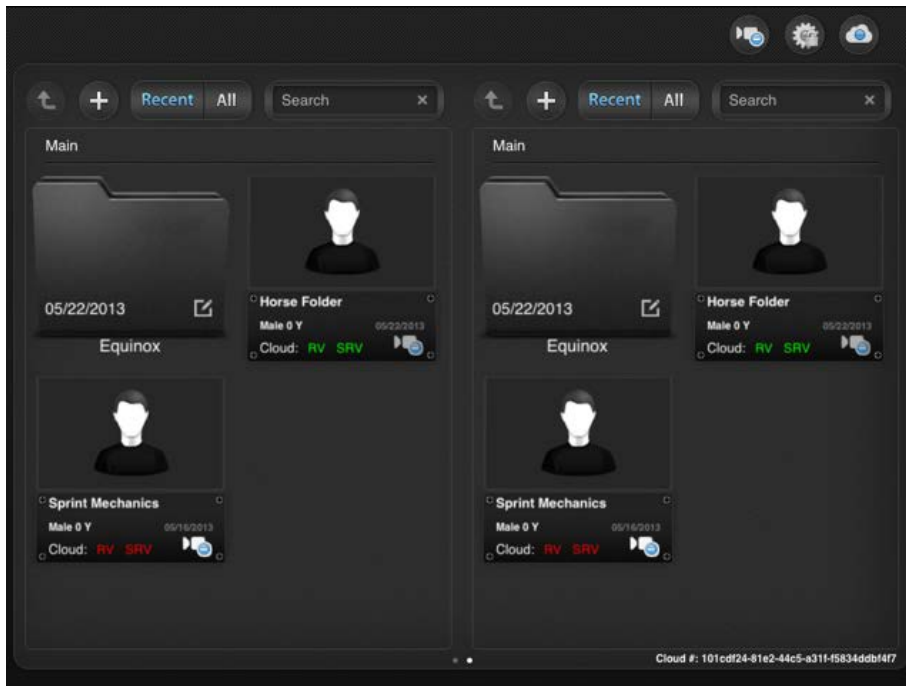


Figure 9

- a. Note the splitting of the display into two panels. Single-tap a folder to view its contents in the same panel.
- b. See the sample screenshot below, where the content of the Equinox folder is shown on the right pane.

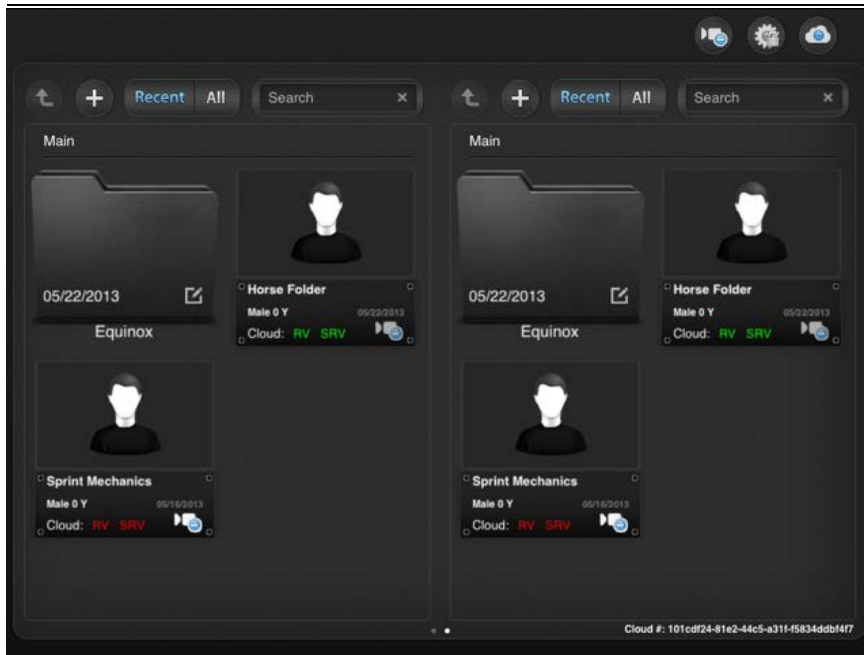


Figure 10

- i. Both panes have exclusive Up Folder, Add Folder/Client File, Recent/All and Search options. Note that the Up Folder icon is enabled only when the user is viewing the contents of a folder. So, this is disabled in the left pane where the user is still viewing the Main Display.

### 1.2.1. Drag-n-drop a Client File to a target folder

The client files can be organized into folders by the drag-n-drop action.

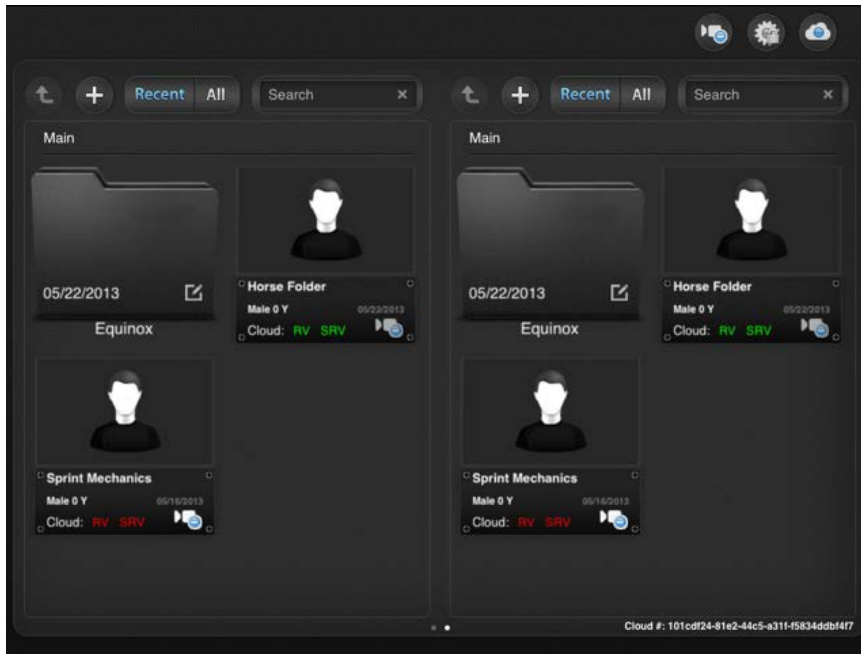



Figure 11


1. In Figure 11, note the Home screen is displayed in split window mode. The client files can be dragged and dropped to the folders in the same pane or in the other pane. The moved client files will be found at their new location only.

### 1.3. Delete videos uploaded to Cloud Service from the device

This action applies to all the videos available on the device, copies of which have been uploaded to Cloud Service.

1. Tap the  icon on the top-right of the navigation bar on the Home screen.
2. A confirmation message similar to Figure 64 will be shown. Tap **Yes** to confirm the delete action. All the videos, across folders and client files that have already been uploaded to Cloud Service will be deleted from the device.

## 1.4. Manage Password Protocol

1. Tap the  icon on the top-right of the navigation bar on the Home screen.

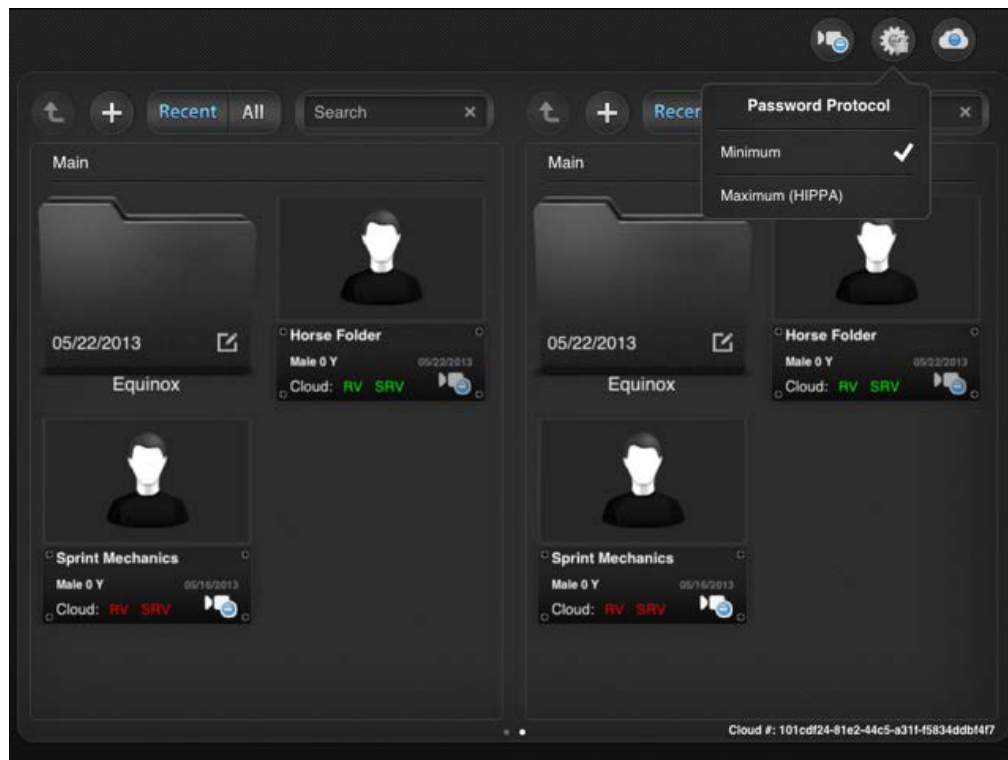



Figure 12

2. Two options are available:
  - a. **Minimum:** If this option is chosen, the user will be required to login only when s/he attempts to upload/delete videos to/from Cloud Service.
  - b. **Maximum (HIPPA):** If this option is chosen, user authentication will be required for uploading/downloading videos, to access a client profile and to switch the password security option to the Minimum Password Protocol.

## 1.5. Upload/Download videos from Cloud Service

1. Tap the  icon on the top-right of the navigation bar on the Home screen.

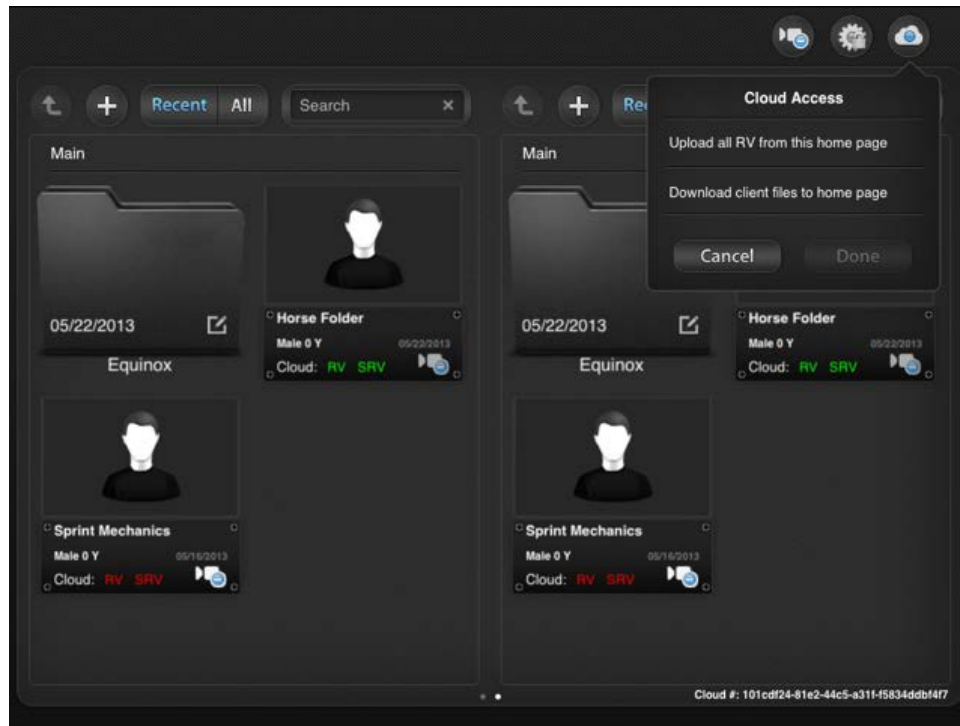


Figure 13

2. Two options are available:
  - a. **Upload all RV from this home page:** This option will prompt the user to login. This option will upload all the Raw Videos in the app to the Cloud Service. Select the videos for uploading from the list of videos and tap the **Upload** button. A red cloud badge will be shown for uploaded videos in the list.
  - b. **Download client files to home page:** Tap this option to download client files from the Cloud Service the device. The client list in the Cloud Service will be shown to select the clients.

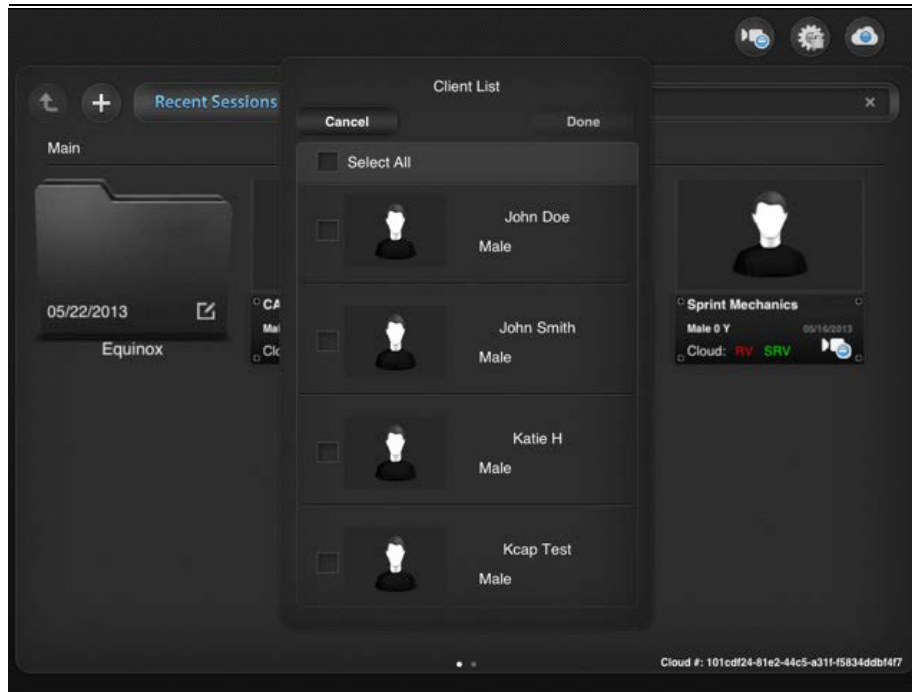


Figure 14

- i. To select a client, tap its checkbox or to select all clients in the list, tap the **Select All** checkbox.
- ii. Tap **Done** to download the client files to the device.

## 2. View/Edit Client's Profile

1. The client's profile can be modified by tapping his/her profile shown on the bottom-right of the screen (see Figure 16).



The screenshot shows a 'New Client' form with the following fields and controls:

- Buttons:** Cancel, Done
- Text Fields:** First Name, Last Name, Email
- Form Elements:** Sex (Male/Female), Age, Height (Ft), Weight (lb)
- Notes:** A large text area for notes.
- Date Picker:** A calendar showing May 2013, with the date 27 selected.
- Client ID:** A field at the bottom left.

Figure 15


- The details are seen in the **Edit** mode. Modify the details as required and tap **Done**.
- Note that Client ID is shown at the bottom-left of the screen.

### 3. Workspace Layout

Icons representing the available options are displayed on either side of the workspace. Below the workspace, Raw Videos (RV) are displayed on a horizontal scroll bar. Following this, is the list of Screen Captured Videos (SCV) and Snapshots listed according to the date of creation. SCVs can be differentiated from Snapshots by the presence of a Cloud icon on the thumbnail. The client's profile is shown on the bottom right, which can be tapped to edit the details. The icons and the options available for the videos and snapshots are explained in the following pages.

#### 3.1. Add videos for a client

This can be done in two ways:

- Record a new video using the **Video Recording**  icon.

OR

- Select videos available in the application.

- a. To select existing videos, tap the **Add**  icon on the left-hand side of the Video list.



Figure 16

- i. Photo Library, Spark Pro Share Folder and Other Workspaces are the available options.
- **Photo Library:** Lists all the videos added to the application.
  - **Spark Pro Share Folder:** Videos can be imported by connecting to iTunes.
  - **Other Workspaces:** Lists the videos added for other clients.
- ii. Select an option and select the videos for adding to the session. The new videos will be added to the current list of videos. Previous and Next buttons have been provided for navigating through a larger list of videos.

3. To view the video in full-screen mode, double-tap on the video. The screen will be maximized as follows. This is available in the Single Window mode.



**Figure 17**

- a. To restore to normal view, tap on the screen again.




### 3.2. View videos and snapshots added for a client



Select a client from the Home screen to view the videos and snapshots added for him/her. The screen shows the video that was played last.



Figure 18

1. The screen is described below:

- a. **Play/Pause video** : The icon can be toggled to play and pause the video. The user can select a video to be played by simply tapping on its thumbnail or dragging it to the workspace.
- b. **Video Progress bar**: The progress bar shows the progress while playing the video. Total duration of the video is also displayed.
- c. : Tap the icons to view the video frame-by-frame.
- d. **List of videos**: The videos that have already been added for the client are listed. The Previous/Back buttons on the left and right of the video/snapshot list allow navigation through the list.
  - i. If Split Window mode is active, two videos can be played simultaneously (refer to page 45 for details). To toggle the videos, tap the  icon.

- ii. In Figure 46, the videos are shown to be in the **Unlocked** state. In this state, the user can play/pause the videos individually. To lock the videos and prevent their individual functioning, tap the  icon. In the **Locked** state, when the user Plays/Pauses a video, the other video will also respond to the action in the same manner.
- e. When a video is created, it will be labeled as 'Untitled'. The user can edit this label, by tapping the  icon corresponding to a video. On tapping 'T', the following popover will be shown.

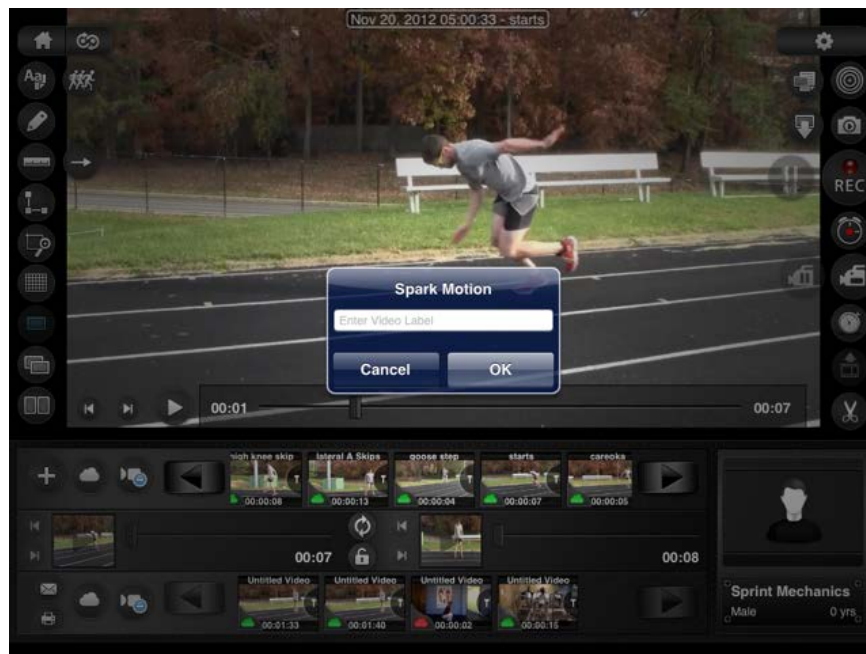


Figure 19



- i. Enter the text and tap **OK**.



2. **Edit video list:** To delete a video, tap and hold on the thumbnail so that the **Delete** icon appears as shown below.



Figure 20

- a. Tap the **Delete**  icon of the video to be deleted; a confirmation alert will be shown. Tap **OK** in the alert to delete the video.
3. **List of Snapshots:** Below the video list, snapshots can be taken from videos using the  icon are listed. For this, pause the video and tap this button; a snapshot will be taken. To save the snapshot, specify the required details like Title and General Notes and tap the **Done** button shown in the Snapshot screen. When the user taps a snapshot, its

current details will be shown in Edit mode.

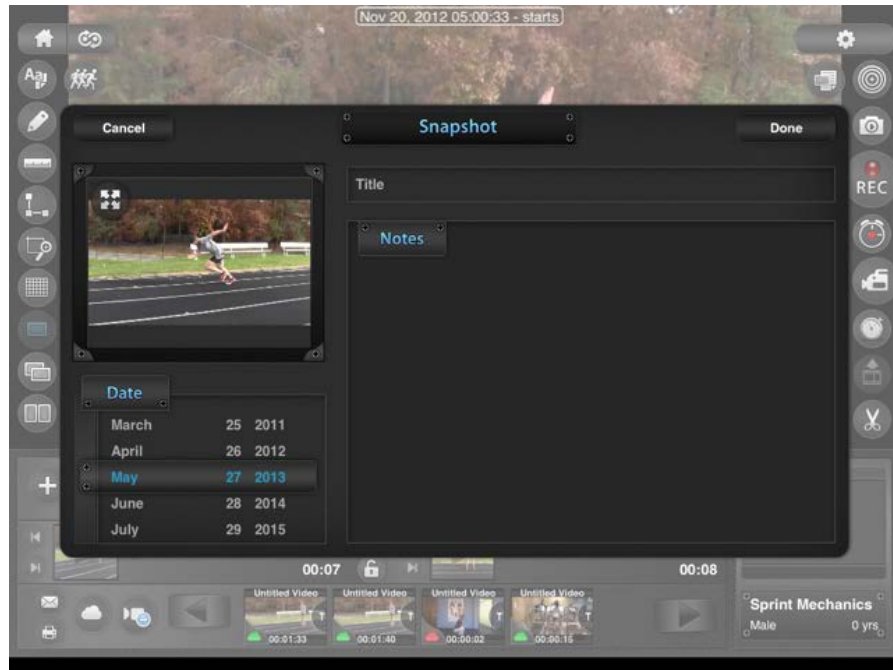


Figure 21

- a. The user can modify the title and notes. Tap **Done** to finalize the changes.

- b. To delete a snapshot, tap and hold on the thumbnail so that the **Delete** icon appears as shown below.



Figure 22



- i. Tap the **Delete**  icon; a confirmation alert will be shown. Tap **OK** in the alert to delete the snapshot.
4. **Email Video Note/Snapshot:** To email the snapshots or video notes, tap the **Email**  icon shown on the left-hand side of the list. The following popover will be shown with the list of source folders for the email content.





Figure 23

- a. Select the item to be emailed. If **Video Note** is selected, the list of video notes added to the application will be shown.

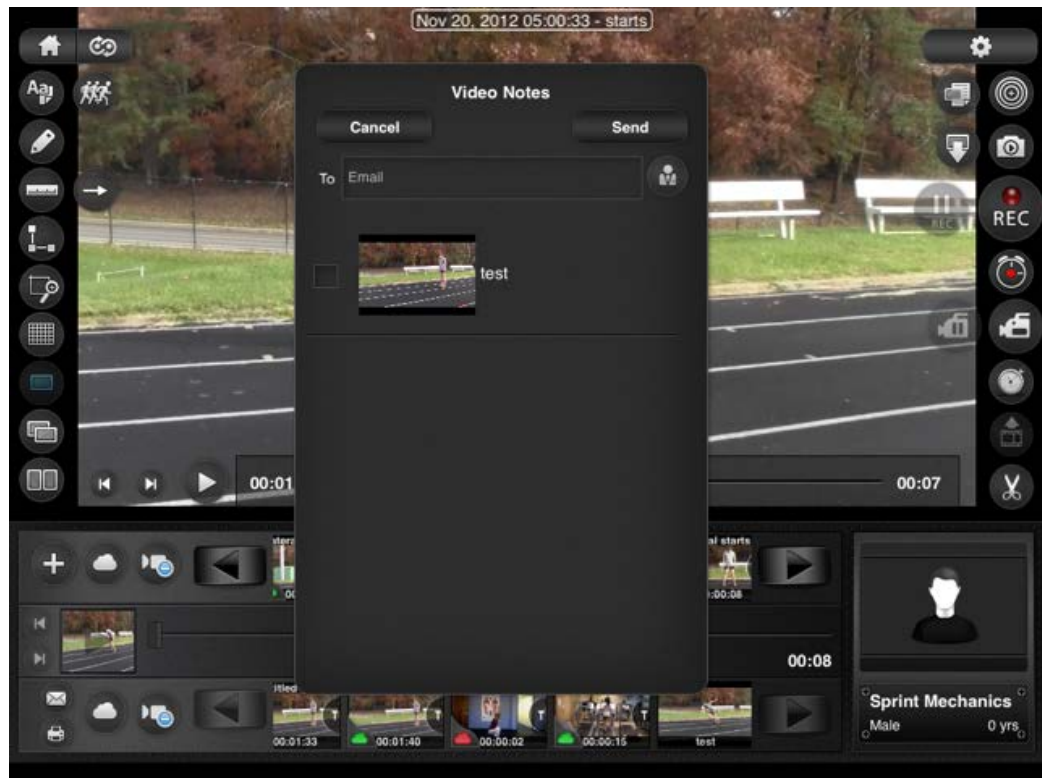



Figure 24

- i. Multiple video notes can be selected for mailing. To select a video note, tap its checkbox. Specify the recipient email address against the 'To' field or tap the **Contacts**  icon and select a contact. Then, tap **Send**.
  - To cancel the mailing of video notes, tap **Cancel**.

- b. To send snapshots to the user's contacts, tap the **Snapshot** option (see Figure 23).

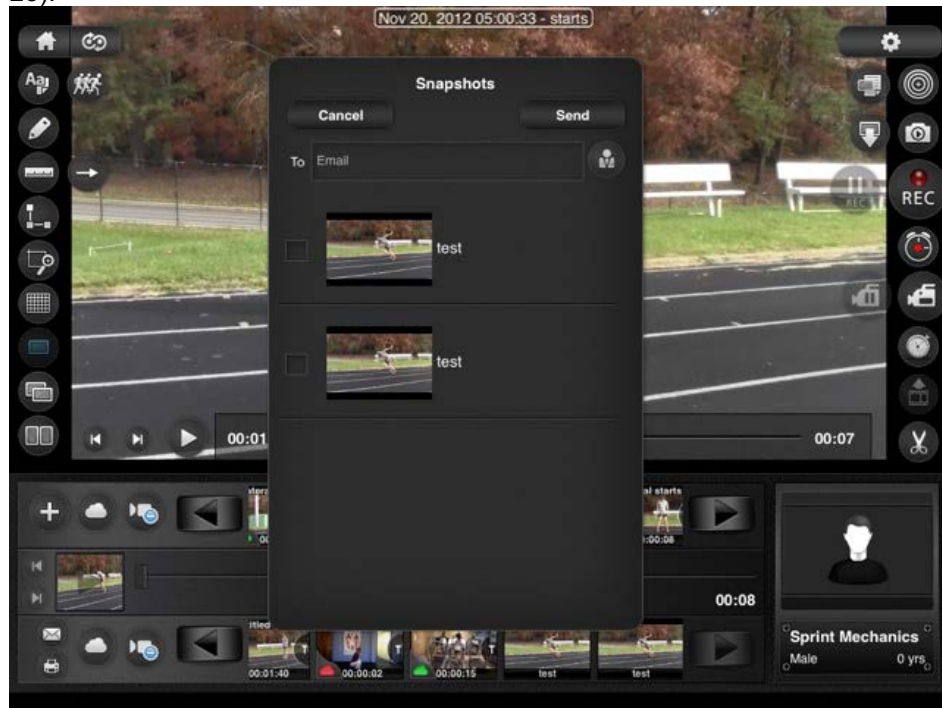



Figure 25

- i. Multiple snapshots can be selected for mailing. To select a snapshot, tap its checkbox. Specify the recipient email address against the 'To' field or tap the **Contacts**  icon and select the contact. Then, tap **Send**.

- c. To send short videos to the user's contacts, tap the **Short Video** option (see Figure 23).

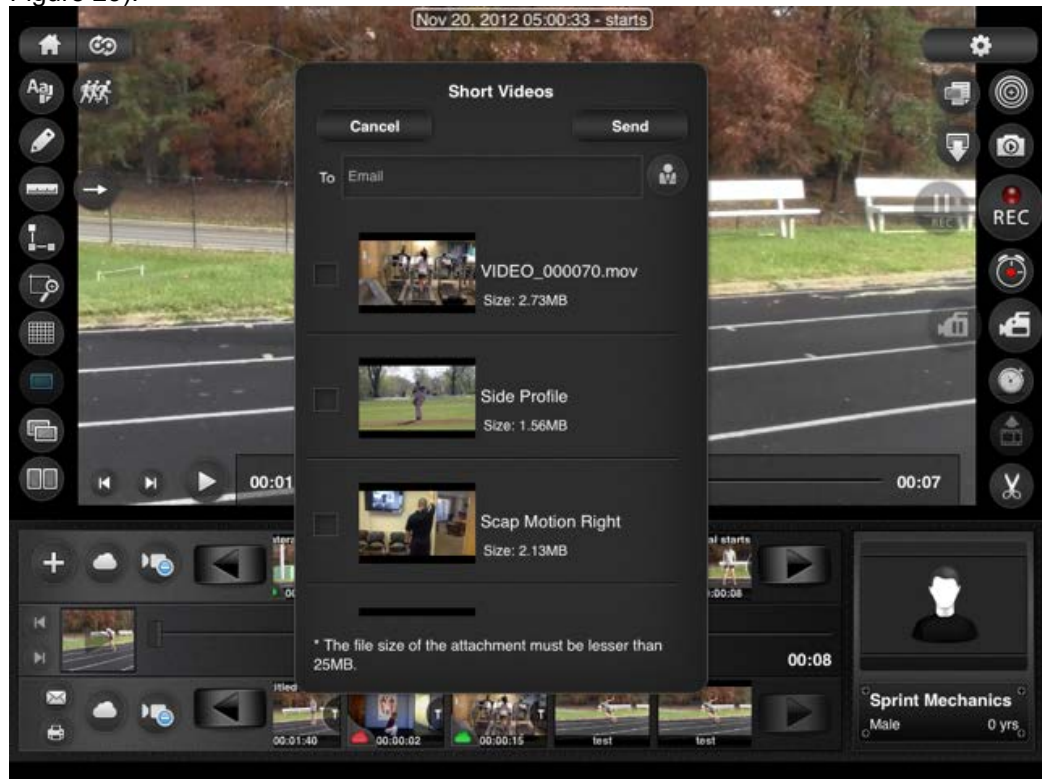



Figure 26

- i. Select the items and specify the email address in the **To** field. Then, tap **Send**. Note that the cumulative size of the videos selected for mailing must be lesser than 25 MB.
5. To take printouts of video notes or snapshot notes, tap the **Printer**  icon shown below the **Email** icon. A popover will be shown for the user to select either video notes or

snapshots for printing.

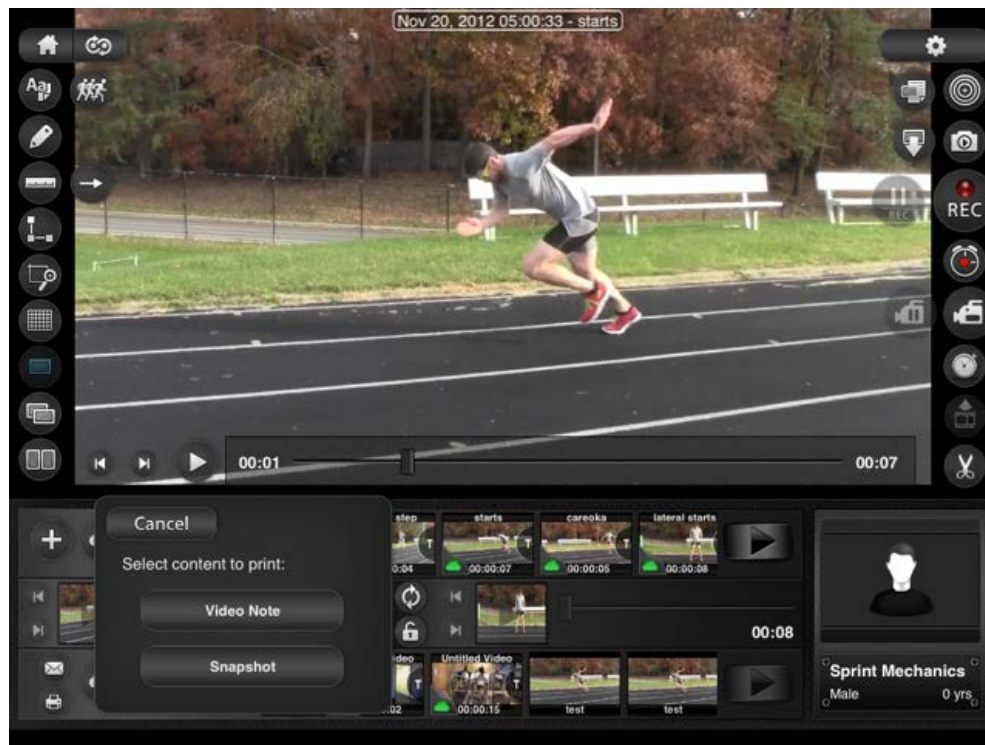


Figure 27



- a. Select an option. If **Video Note** is selected, a screen similar to the following will be shown.

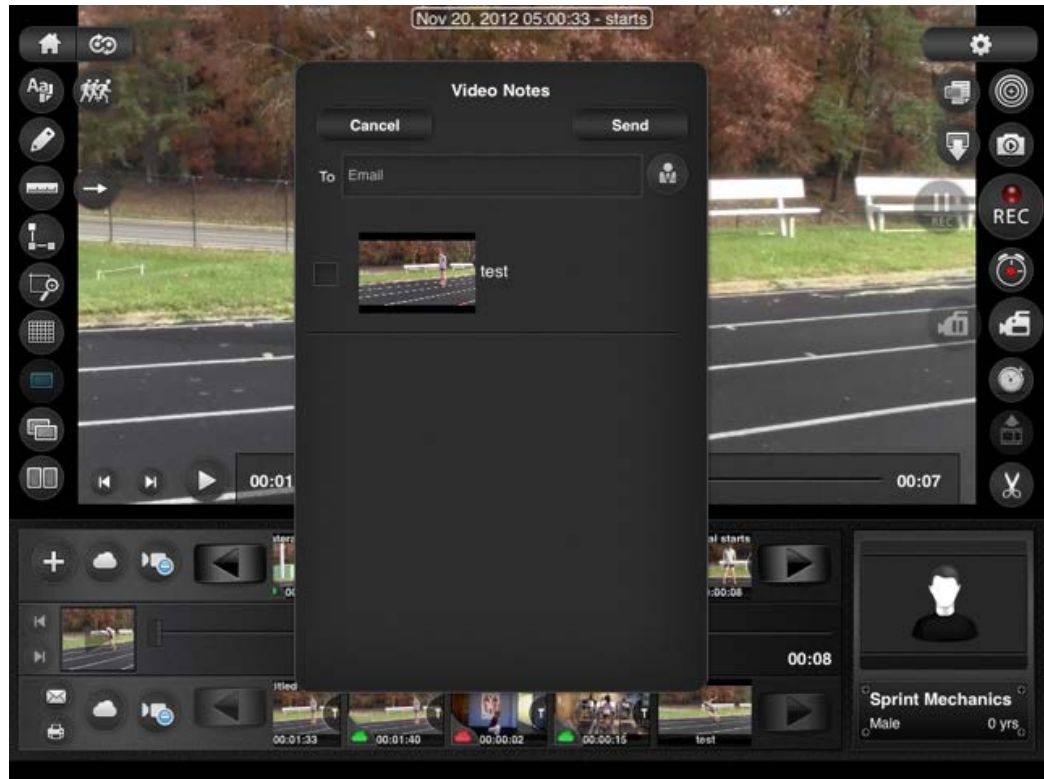


Figure 28

- i. Multiple video notes can be selected for printing. To select a video note, check its checkbox. After selecting the video notes, tap **Print** and provide the settings.
- b. If **Snapshot** is selected, a screen similar to the following will be shown.

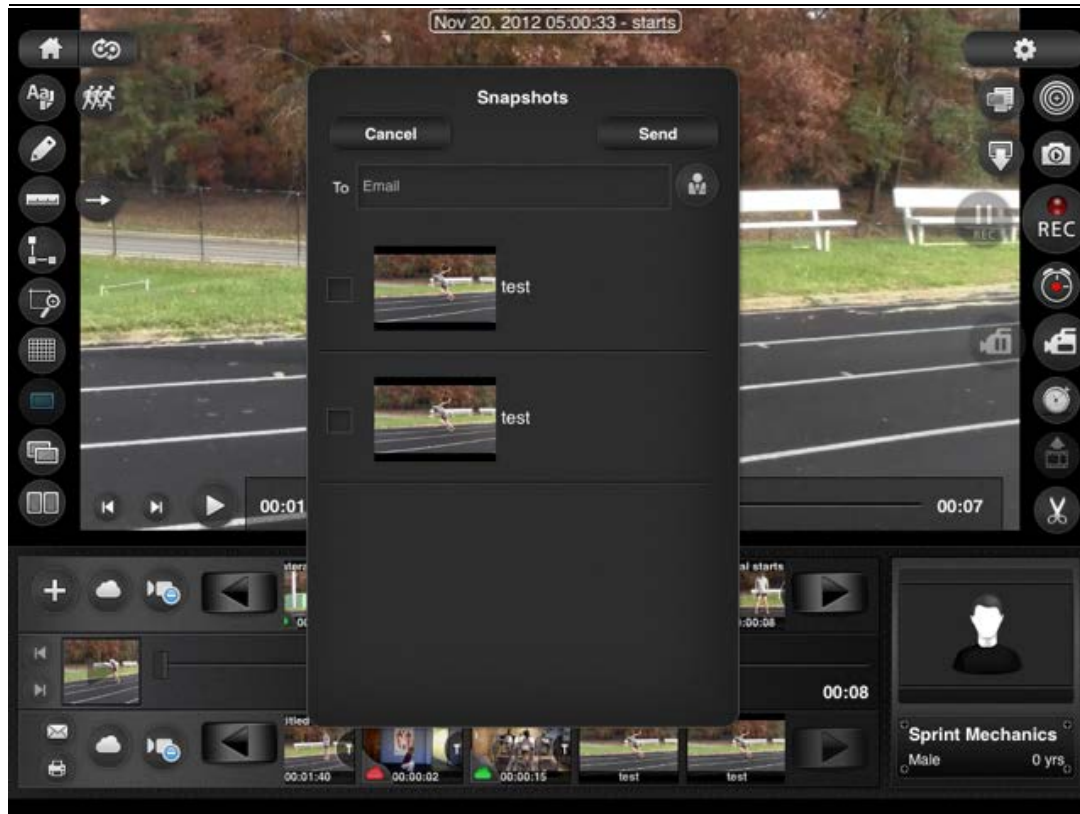
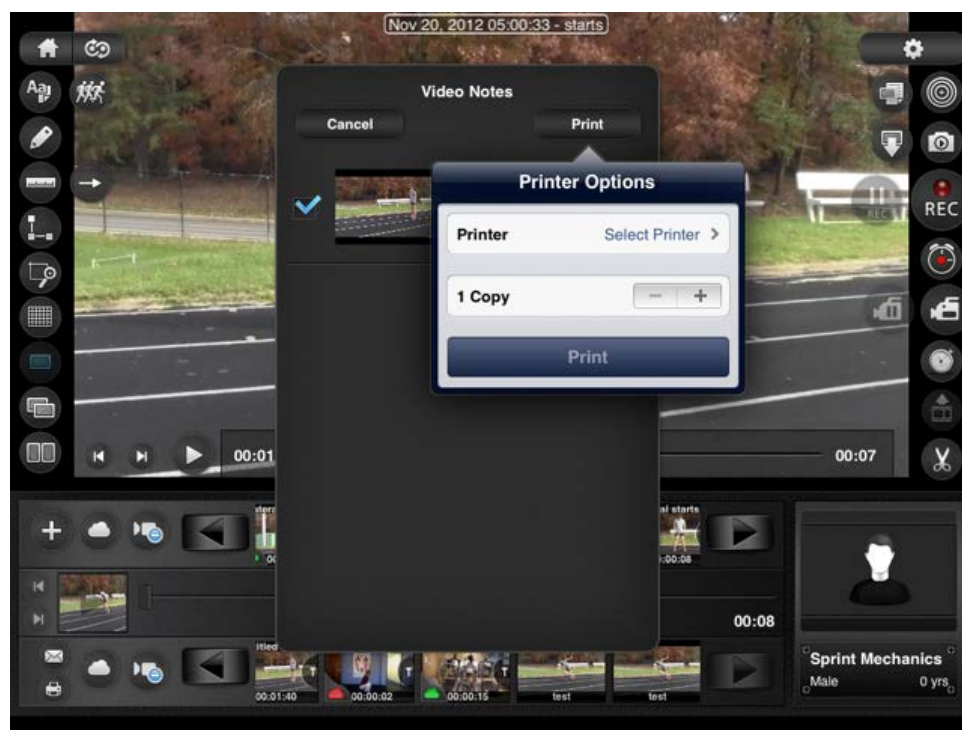


Figure 29

- i. Multiple snapshots can be selected for printing. To select a snapshot, check its checkbox. After selecting the video notes, tap **Print** and provide

the settings.



### 3.3. Toggle Workspace icons

The icons flanking the workspace are shown below.

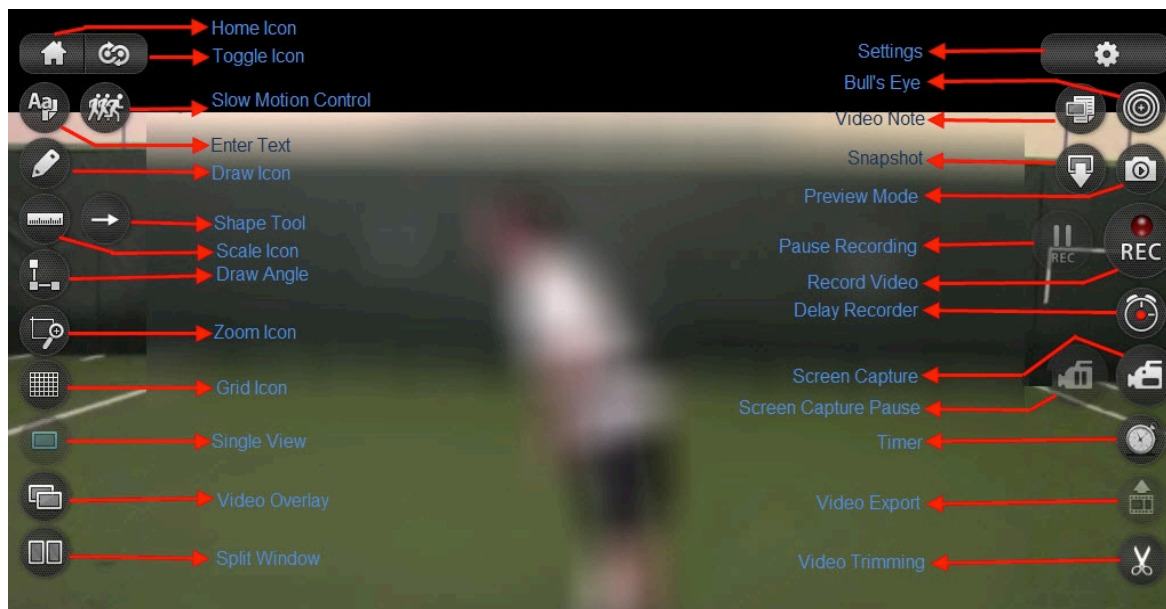



Figure 30

1. The **Home**  icon can be tapped to access the Home screen of the app.




2. The **Toggle**  icon can be used to toggle the displayed icons between the right and left sides.

Figure 31

- a. In the above figure, the icons that were previously on the left side (see Figure 29) have been switched to the right.

### 3.4. Enter Text


1. Tap the **Text**  icon to add text. Enter text when the keypad is shown.



Figure 32

### 3.5. Slow motion control


1. The speed of the motion can be adjusted using the  icon. A slider will be shown to control the frame rate of the video.



Figure 33

### 3.6. Draw icon


1. The **Draw**  icon allows the user to draw lines or diagrams. The thickness of the lines can be adjusted by using the slider shown beside this icon.



Figure 34

Figure 35

- a. Tap on the Draw icon again to exit this mode. Tap and hold to delete the drawn lines.

### 3.7. Scale


1. The **Scale**  icon can be used to measure the distance between two points.



Figure 36

- a. Tap and hold to delete the distance.

2. The user can tap on the displayed measurement to edit its settings as shown below.




Figure 37

3. The value displayed above can be modified. Consequently, the measurements on the screen will be shown in proportion to that value. The user can toggle between Inch and Cm. The measurements on the screen will be shown accordingly. Tap **OK** to finalize any modifications.



### 3.8. Shape Tool

1. The **Shape Tool**  is highlighted below. To get the slider to adjust the thickness of the tool, single-tap and hold for 2 seconds.

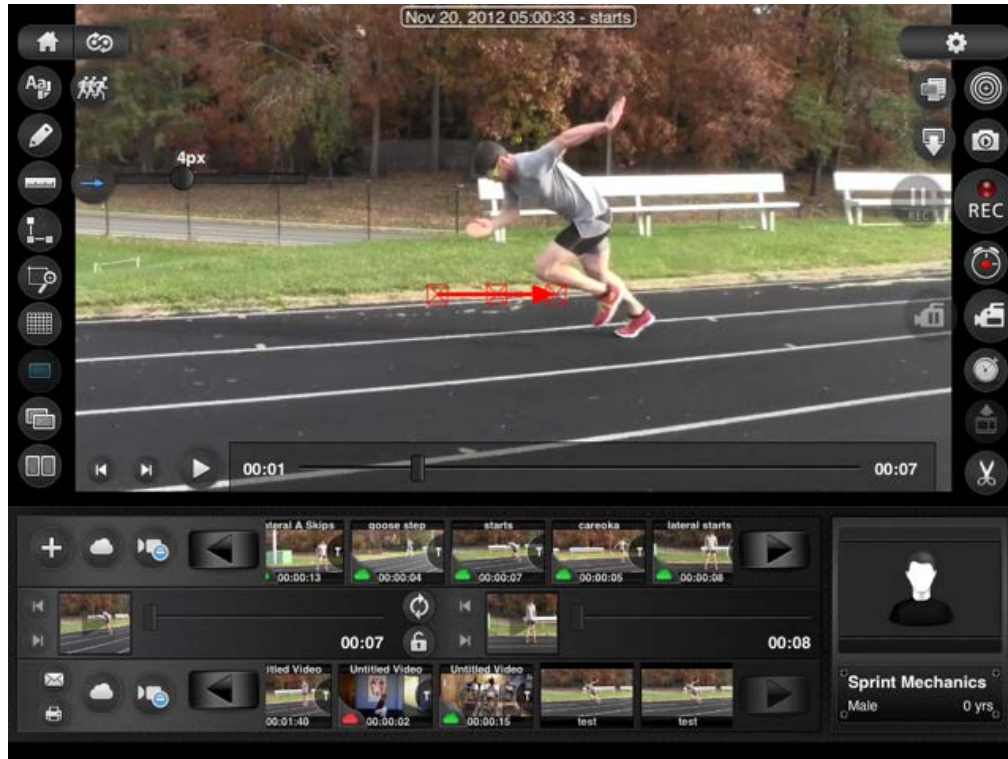


Figure 38

2. When the user single-taps on the tool, an arrow will appear on the screen. The user can drag it to its desired position and adjust its length.

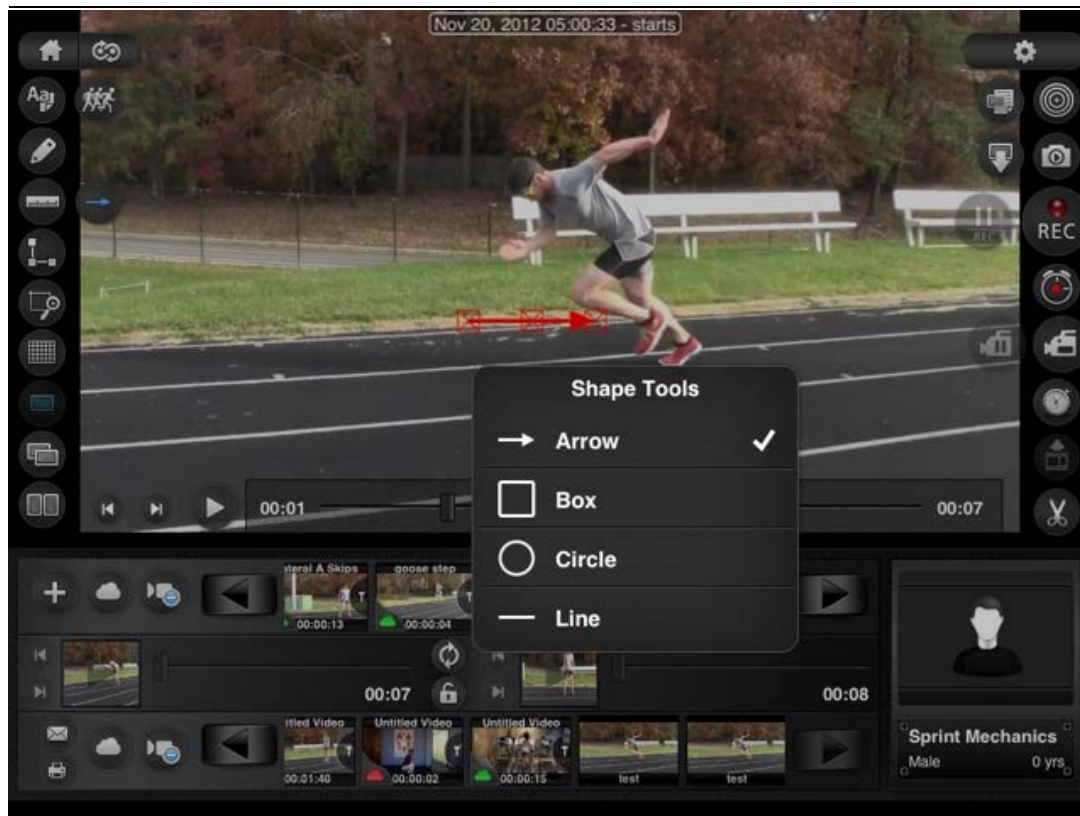


Figure 39

- a. Double-tap on the arrow to get more shape options.

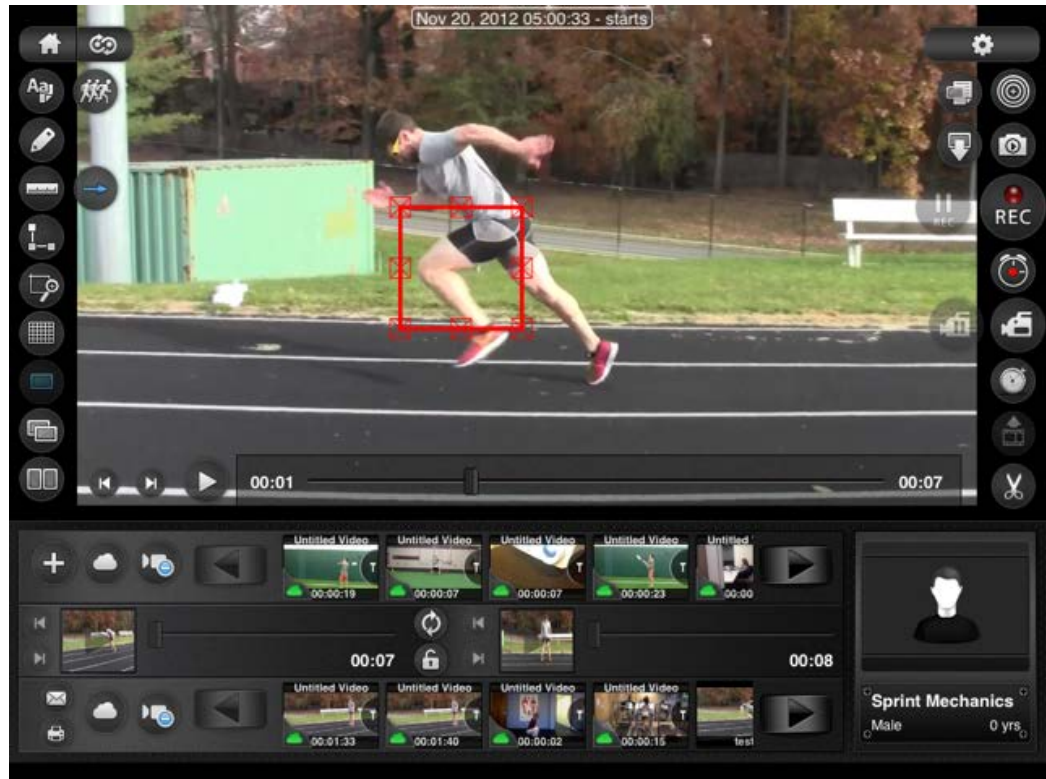


Figure 40

- i. Select the required shape from the options. To resize a circular shape, use the pinch zoom action. To resize a rectangular shape, adjust the size from the corners.



### 3.9. Draw Angles



1. The **Angle**  icon can be used to draw angles. The resize handles can be dragged to edit the angle.



Figure 41

- a. Double tap to delete the drawn angles.

## 3.10. Zoom in/out

1. The **Zoom**  icon allows the user to zoom-in.
2. Select the portion to zoom-in; a magnified view of the selected portion will be shown next to it.

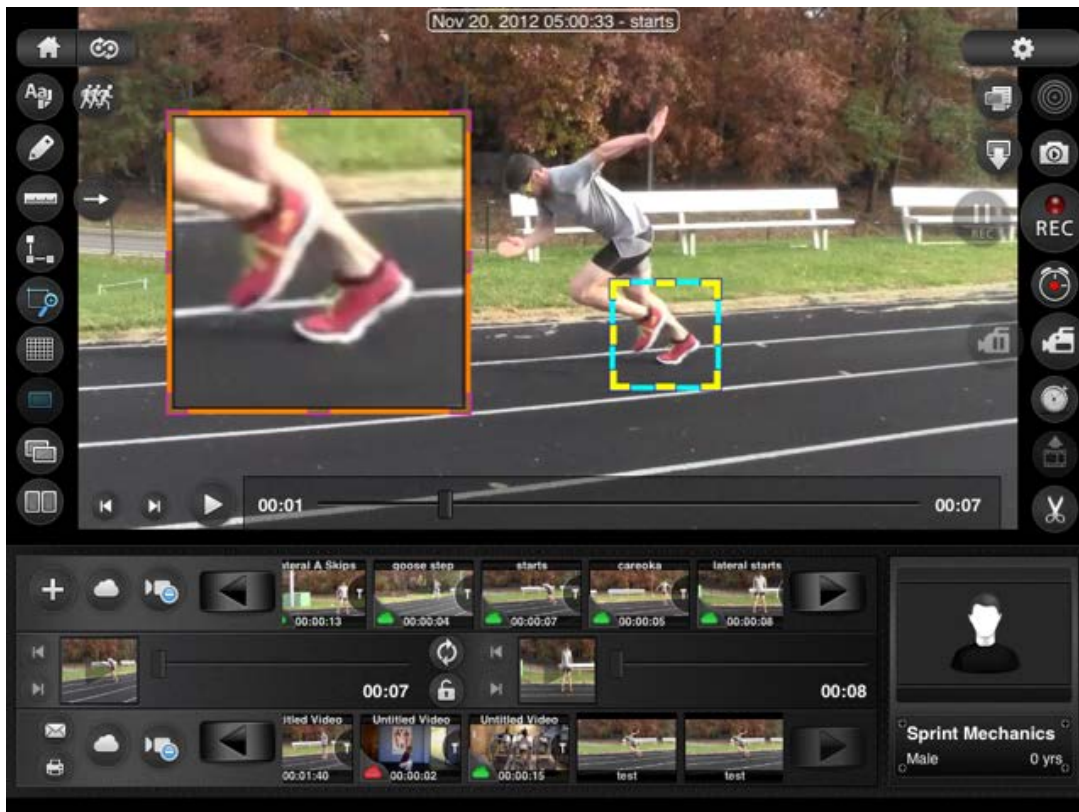



Figure 42

### 3.11. Grid

1. The **Grid**  icon imposes a grid. The cells can be resized using multi-touch and the grid can be moved for analysis.

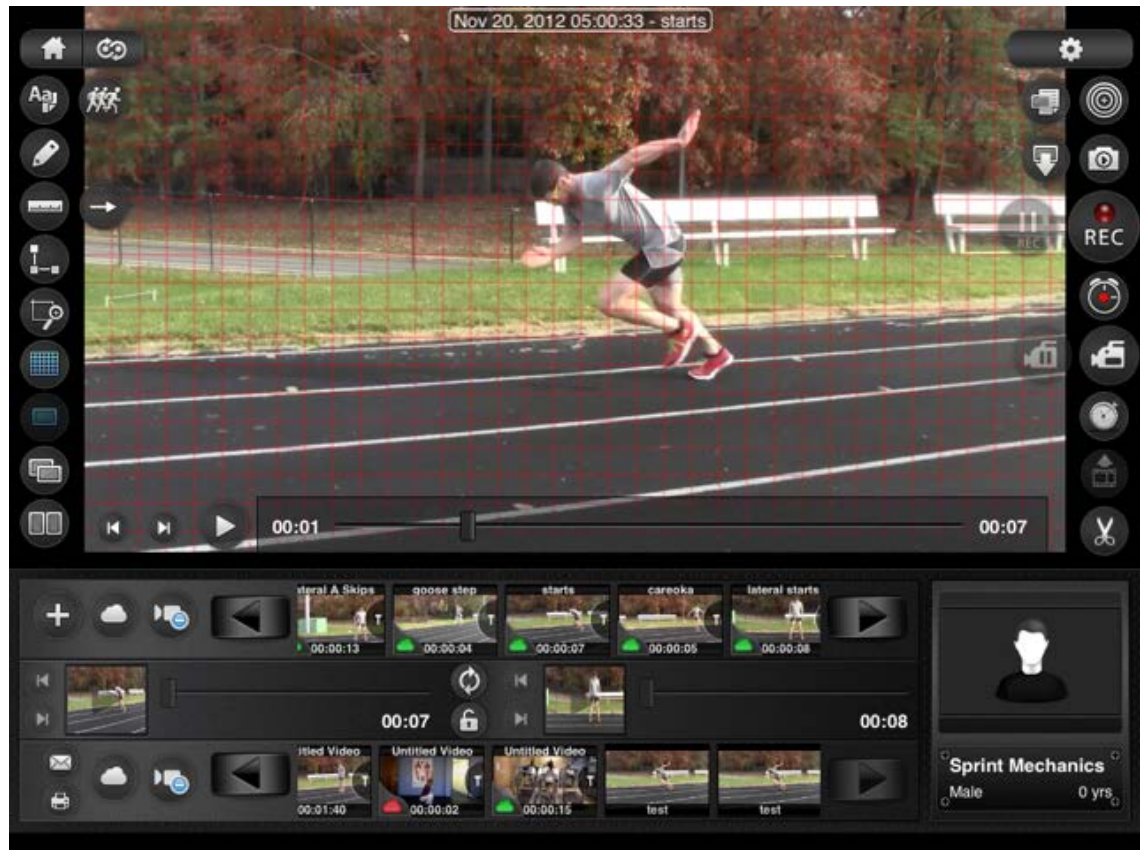


Figure 43

- a. Tap and hold to delete the grids.

## 3.12. Single View

This is the default view option. From the Split View mode (see Figure 46), the user can tap the



icon to restore to the Single view mode.



Figure 44



### 3.13. Video Overlay



1. Tap the  icon to begin overlaying of the selected videos. A slider to adjust the transparency of the video on top will be shown on selecting the Overlay icon.



Figure 45

### 3.14. Split Window

1. Tap the  icon to view two videos side-by-side.

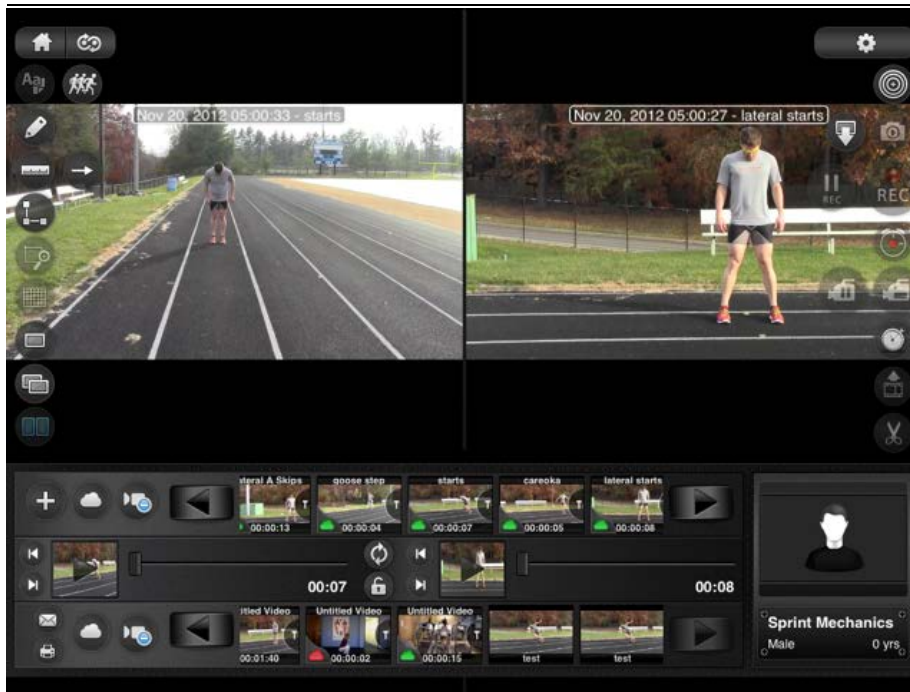






Figure 46

2. After tapping the  icon, drag-and-drop the videos from the Video list to the two blank slots shown on the workspace. The selected videos can be played as shown above.
3. Note the **Lock**  icon. In the **Unlocked**  state, the user can play/pause the videos individually. In the **Locked**  state, the videos can be played/paused in synchronization.
4. To return to the single view of videos, the user must tap the **Single-view** icon (see Figure 44).

### 3.15. Settings

The **Settings** option  is highlighted below.

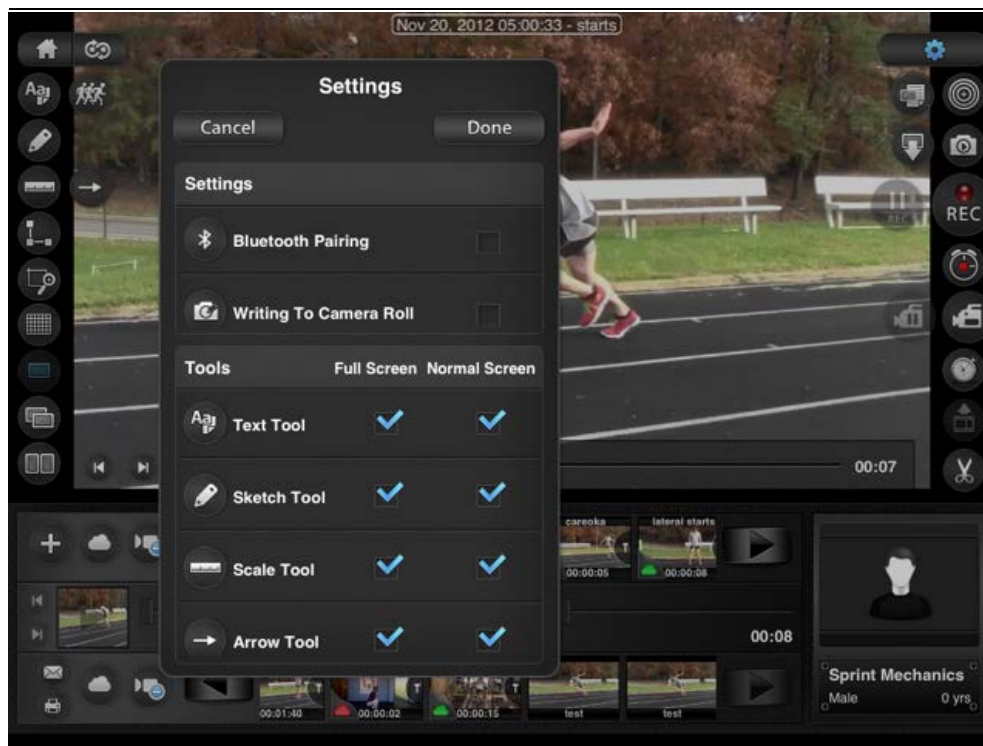


Figure 47

1. Tap the icon to view the options.

Figure 48

- a. **Enable Bluetooth Pairing:** By enabling this option, devices can be paired to function in association with other devices.
- b. **Writing To Camera Roll (Video Mirroring):** By enabling this option, the recorded videos will be added to the Photo Library of the device.
- c. **Tools:** All the tools are listed. Scrolling option is also available. The user can choose to display them in the Full Screen mode or the Normal Screen mode, or both by checking the corresponding checkboxes.
- d. Tap **Done** to save any modifications made to the settings.
  - i. If **Cancel** is tapped, all unsaved changes will be lost.

### 3.16. Bulls-Eye


Tap the  icon to impose color grids while overlaying or recording or playing a video in both single and split view modes.



Figure 49

1. Tap and hold to delete the color grids. The user can also rotate and pinch zoom the bulls-eye image.

### 3.17. Recording Mode

To return to the preview mode and capture a video, the user can use the  icon.

### 3.18. Record Video

To capture a video, the user can use the **Record**  icon. Pause and resume options are also available for this tool.



## 3.19. Delay Recorder


Tap the  icon to set up the video capture timer.



Figure 50

## 3.20. Timer

The user can check the time taken for certain actions in the video by using the  icon.




Figure 51

1. A digital clock will be added to the video (hh:mm:sec).
2. To reset the time, double-tap the current time. After resetting the timer to zero values, if the user drags the video in the reverse direction, the timer will show negative values.
  - a. To exit the time, tap the **Timer** icon again.

## 3.21. Screen Capture

1. This tool is for recording user action on the workspace.

- a. The **Screen Capture** tool  is highlighted below.



**Figure 52**

- b. While the Screen Capture icon blinks, a video capture of the entire screen is taking place. User action using the following tools will be recorded: [Draw icon](#), [Shape Tool](#), [Draw Angle](#), [Grid](#), [Bulls Eye](#) and [Timer](#).
- c. While the recording is in progress, the Pause/Resume icon before the Screen Capture icon will be activated for use.
- d. When done, tap on the icon again. Video screen processing screen will be shown.



Figure 53

- e. The video is seen added to the second strip of videos. Such a video will have the Spark Motion logo on its bottom right corner when it is played.

## 3.22. Video Export


1. After trimming a video (see page 54 for details), it can be exported to the Video Playlist, thereby, finalizing the trimmings to the video.
  - a. The **Video Export** icon  is highlighted below.





Figure 54

- b. When the Video Export icon is tapped, the video that has just been trimmed will be exported and displayed in the first position in the Video Playlist.

## 3.23. Video Trimming

1. The **Video Trimming** icon is highlighted below. On tapping this icon, the trimming feature is enabled on the progress bar as shown below.






Figure 55

- a. The portion in between the two Blue pegs will be trimmed. The user can adjust the length of this portion by placing the two pegs on the bar suitably. Then, tap on the **Video Trimming** icon again.
- b. To undo the trimming action,
  - i. Tap and hold on the portion marked in Red.





Figure 56

- ii. Tap on the  icon. The trimmed portion will be restored.
- c. To trim another portion, tap on the **Video Trimming** icon again.
- d. The trimming action here is temporary and they can be undone. However, if the trimmed video is exported, the video cuts are finalized.

### 3.24. Video Notes

1. Tap the Video notes  icon to add notes to the video.

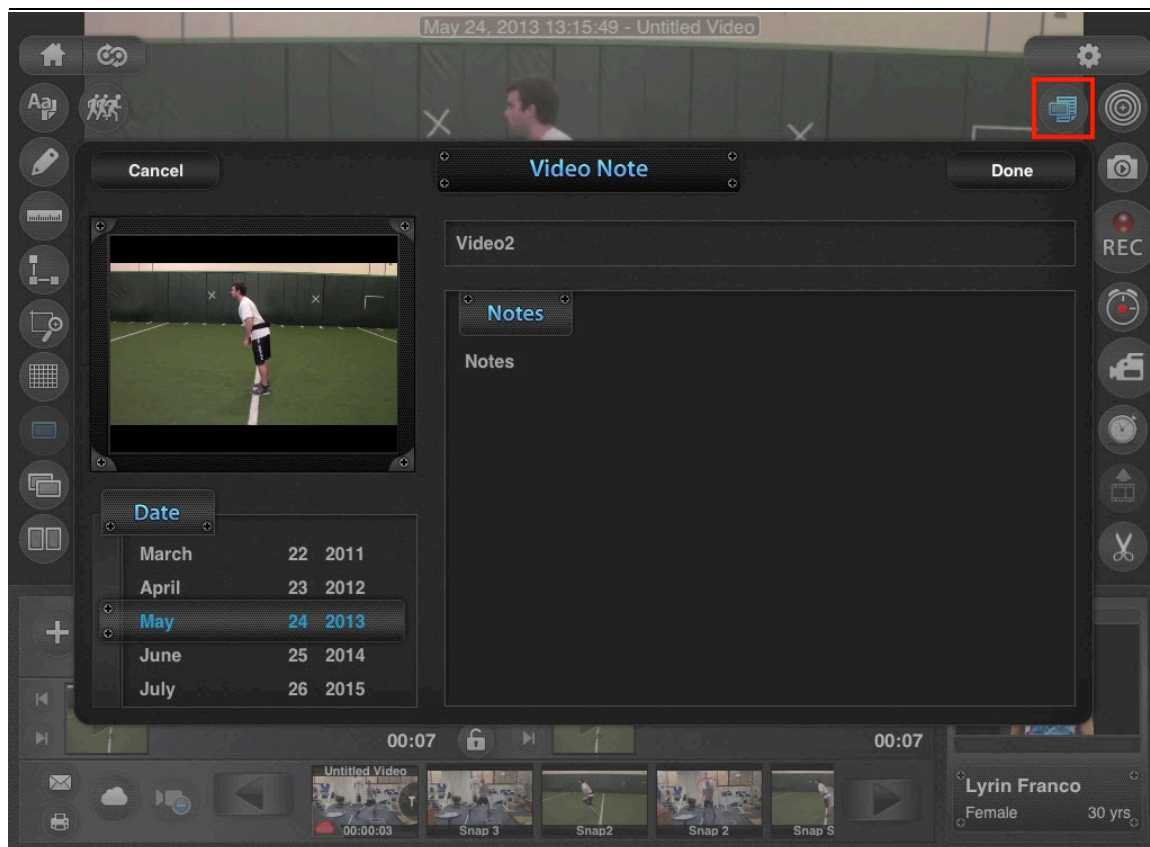



Figure 57

2. The text is shown in Edit mode. Make the required changes and tap the **Done** button.

### 3.25. Snapshot

1. To capture snapshots of the video that is being played currently, tap the  icon.

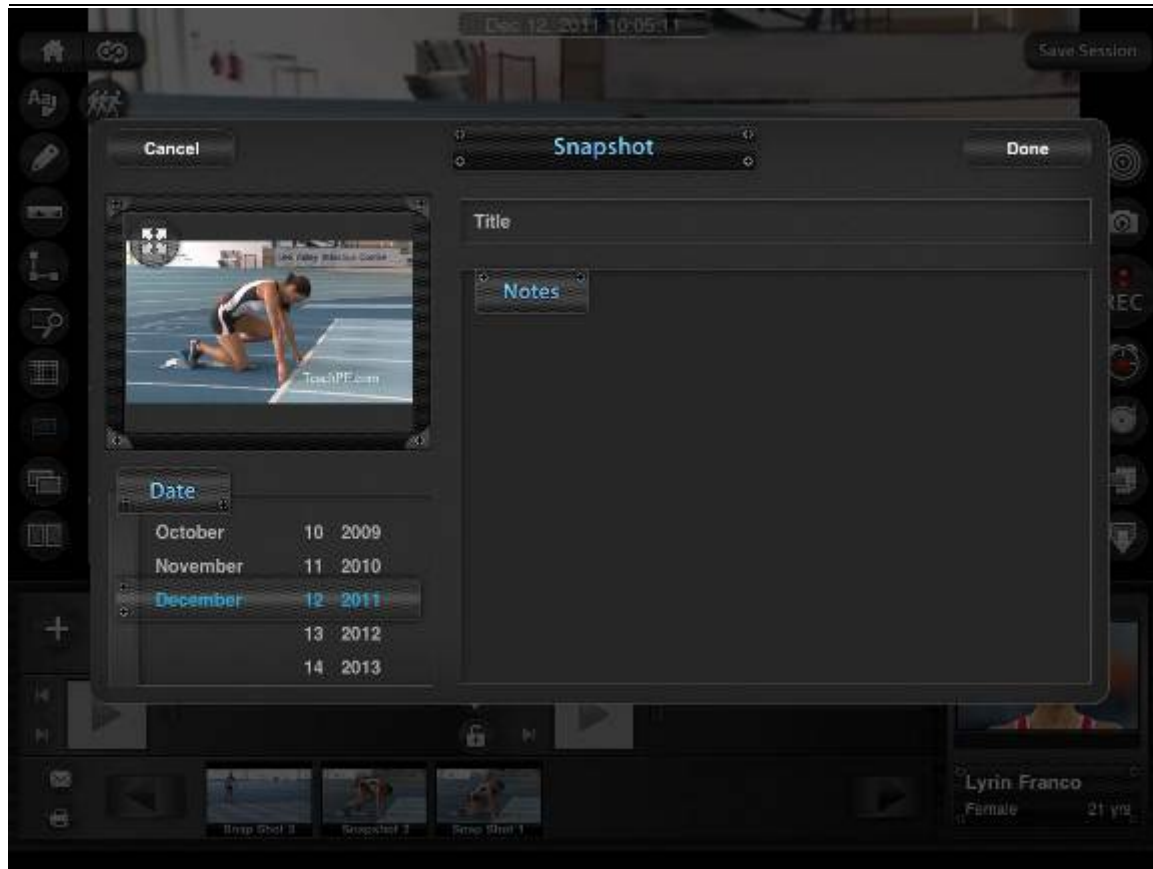





Figure 58

2. Enter the details about the snapshot and tap **Done**.

## 4. Upload Videos to Cloud Service

This facility is available for both, Raw Videos (RV) and Screen Captured Videos (SCV). Before a video is uploaded, it will have the  icon on its bottom left corner. After it is uploaded, it will change to .

### 4.1. Upload Raw Videos

1. Tap the  icon preceding the list of Raw Videos.

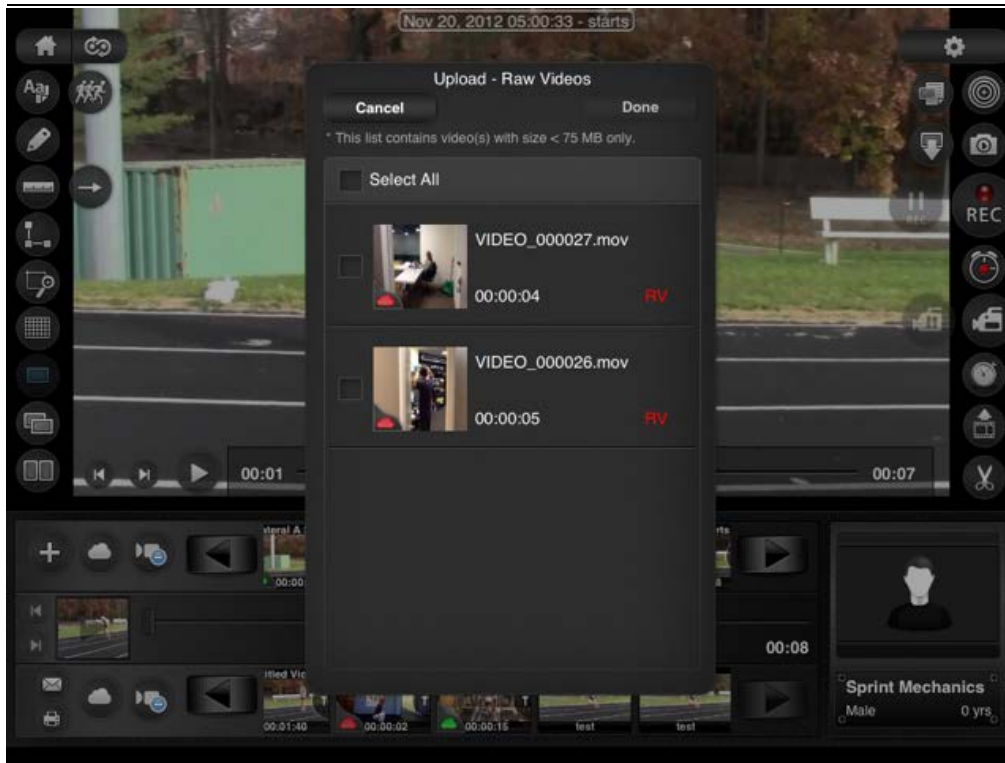



Figure 59

- a. Note videos of file size lesser than 75 MB can only be uploaded to Cloud Service.
- b. Select the videos to be uploaded and tap the **Done** button. A progress bar intimating the progress of the upload will be shown similar to Figure 62.

## 4.2. Upload Screen Captured Videos

1. Tap the  icon preceding the list of Screen Captured videos.
2. The user will be prompted to login to upload the video.

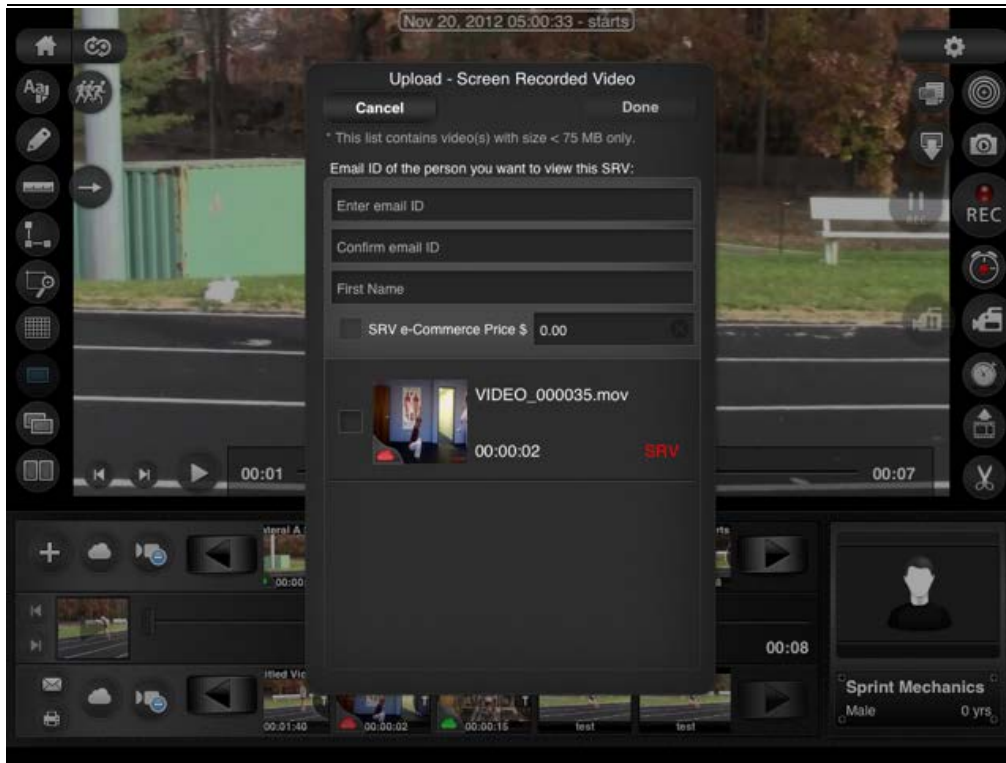


Figure 60

- a. Note that only one video can be uploaded at a time and videos of file size lesser than 75 MB can only be uploaded.
- b. The user may share the video by providing the email address and name. He may charge the recipient a minimum of \$10 for the video. Note that both these features are optional.



Figure 61

- c. Select the video and tap the **Done** button. A progress bar intimating the progress of the upload will be shown.





Figure 62

- d. If the user had opted to mail the video, the default email client will be shown with pre-defined content into which the URL to the video will be embedded.

Figure 63

- i. Tap **Send** to send the email.

## 5. Delete Videos from Cloud Service


Both Raw Videos (RV) and Screen Captured Videos (SCV) can be deleted. Tap the  icon shown for the respective type of video. The corresponding videos pertaining to the particular client will be deleted from Cloud Service.





Figure 64