

Sportsbox Studio features/specifications

This Page describes [SANG-3697: Studio Bay Features: Set-up: PAIRING DEVICE TO DESKTOP](#) CLOSED

Integration on Website Server and Mobile applications

Completed portions

- Firebase cloud messaging integrated on android application and submitted for merge request
- Website server, device page set up, notifications set up to be sent for different events.

Objectives to be completed on Mobile side

- Handles notification events for START_SESSION, START_RECORDING, END_RECORDING, CREATE_SESSION, UPLOAD_SESSION (notification events already sent to device, needs to be handled for different functionalities)
- Needs to figure out how to control mobile camera from website server to allow recording on mobile device from website server
- Whenever user logs out FCM token should be removed to remove devices from active devices
- Active devices list needs to be created to flag devices when they are connected and not connected
- Also needs to manage notification badges for number of notifications and do more work with notification builder

On android side

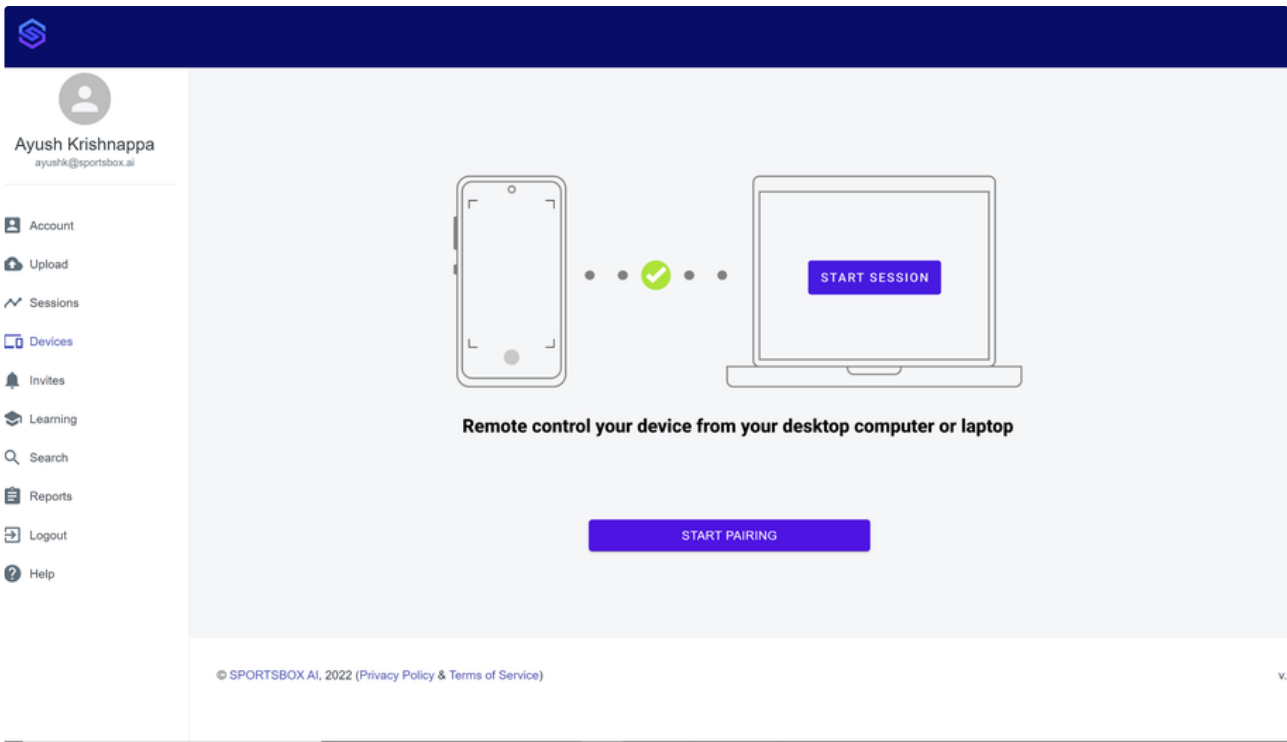
- Firebase fcm token uploaded to user's firebase account when user logs into sportsbox app
- Teacher's students devices are all added to teachers devices list for connection
- Merge request "Updating device info firebase" still open and needs to be merged to make sure user device tokens are added to firebase user page @Indra Sapkota @Neeraj Singh

Functionalities to be added to website page

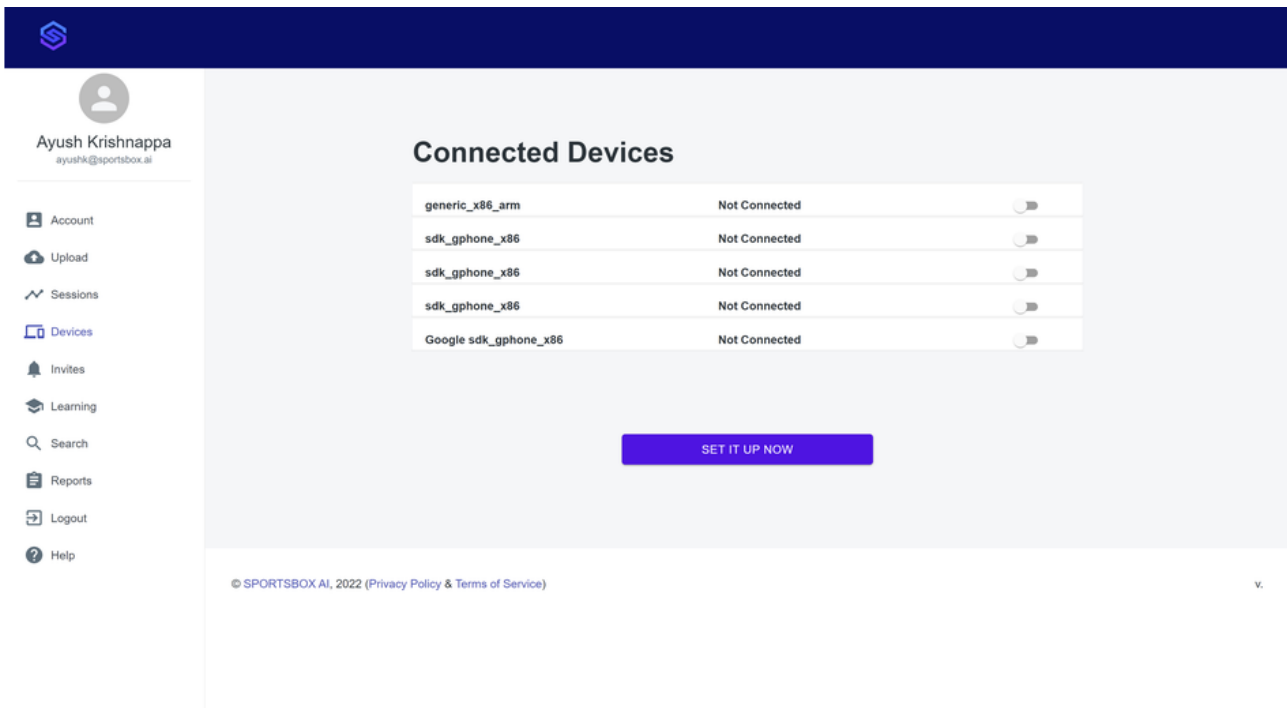
- Delete functionality for managing sessions (delete icon when pressed should remove session from recorded sessions list)
- Go to session functionality (when pressed must show saved session on session details page)
- Small animation improvements (optional), for favoriting session heart icon needs to be filled when pressed, record button animation added for better UI like specified in figma design (does not have high priority for implementation, optional additions)

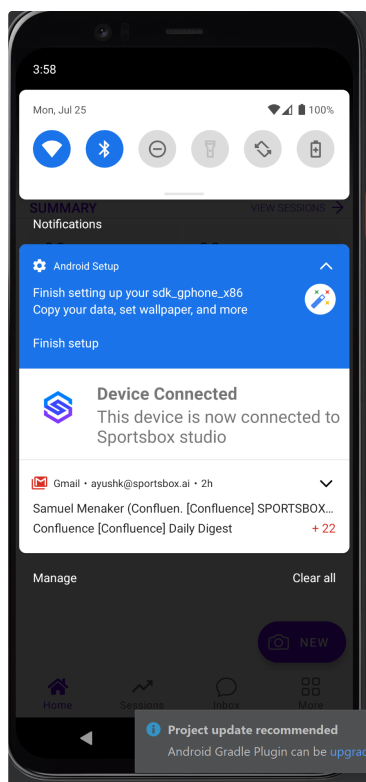
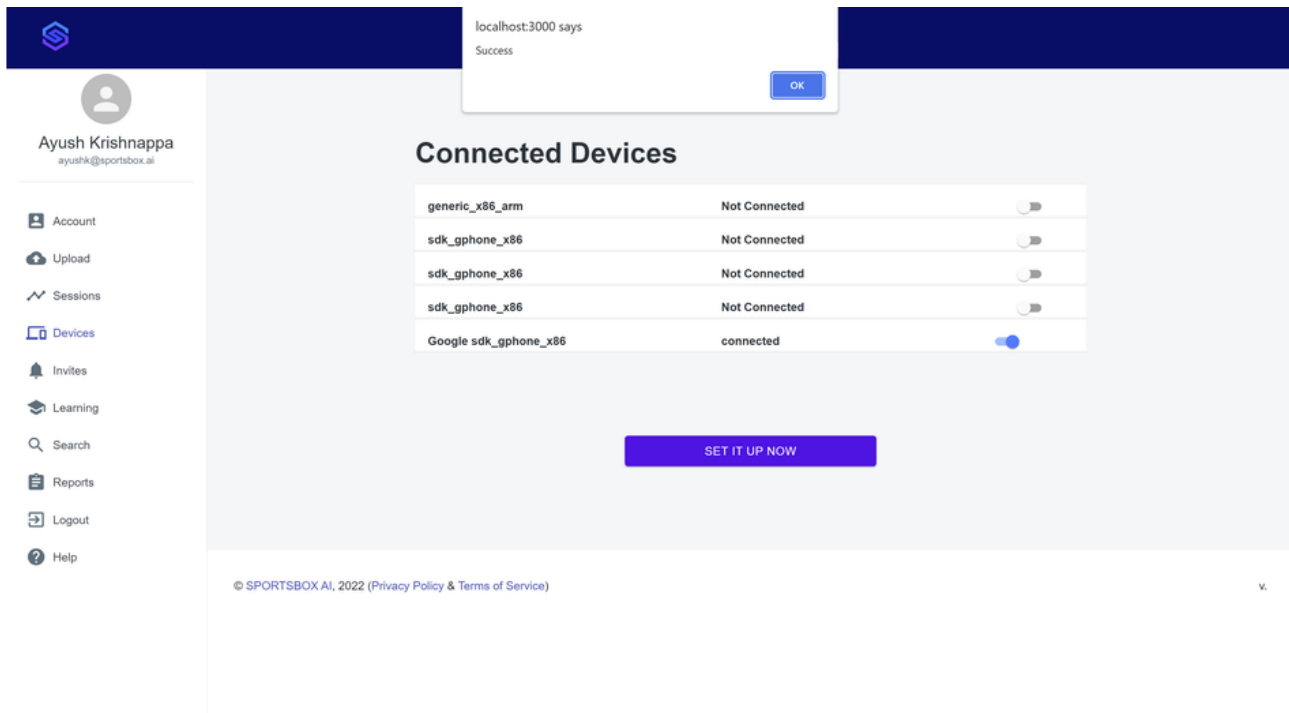
Design Implementations

☐ Page 1 - Pairing Page



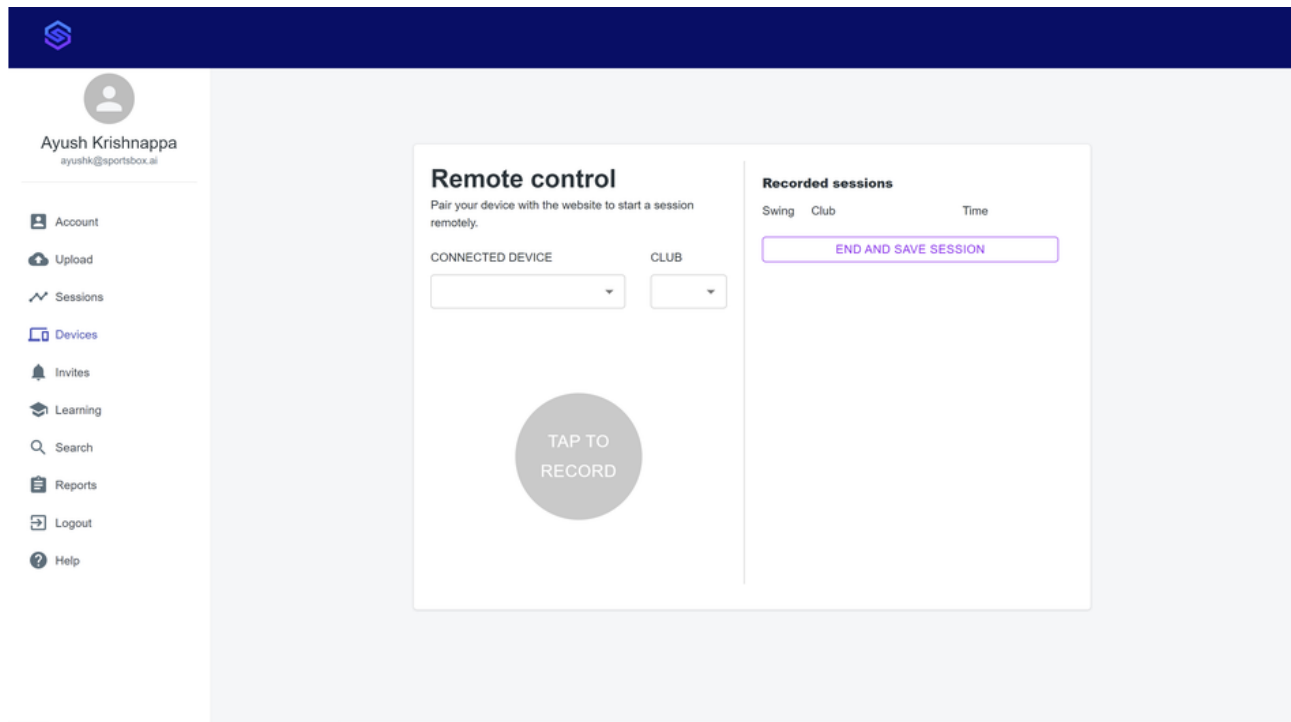
Page 2 - All devices linked to users account, gives options for which devices user wants to connect to, when switch turned on sends connection notification event to device



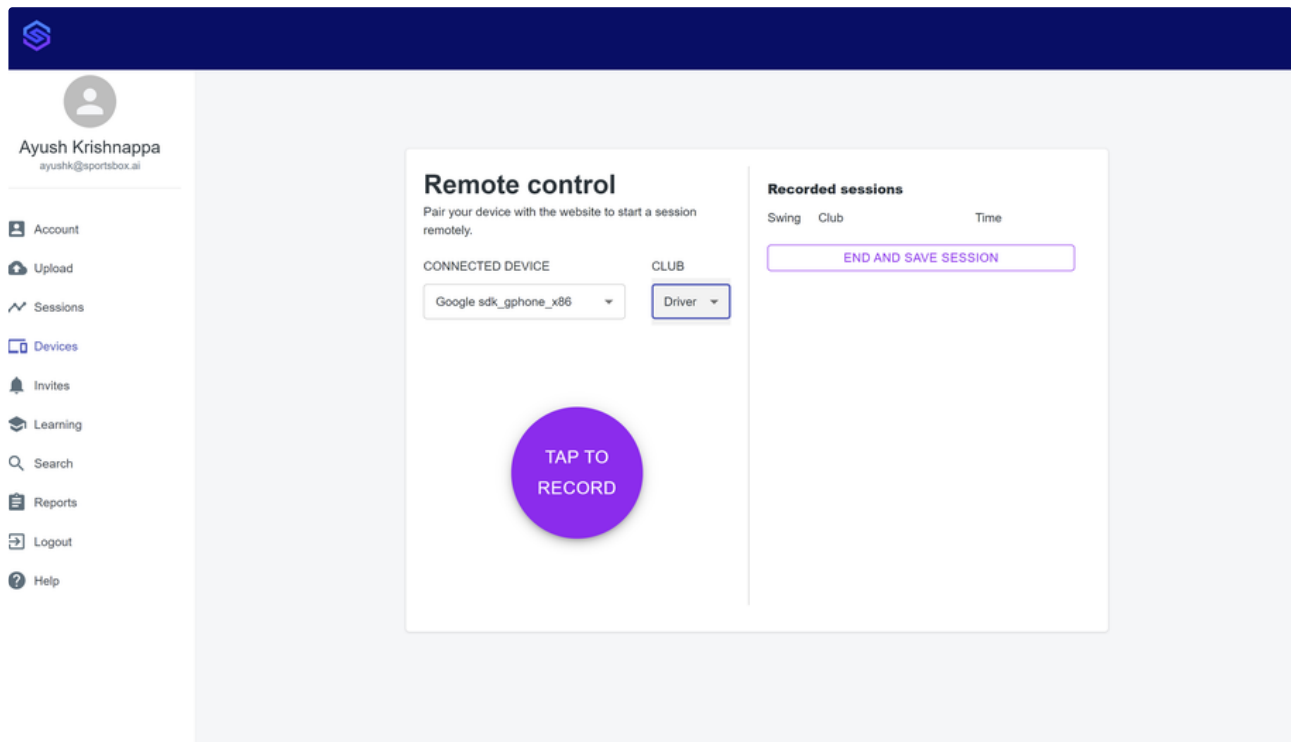


Play prototype page: From this page session for connected devices can be managed. User can select which device they would like to begin a session on, and take up to 10 swing videos which can then be saved as a session. When user begins recording notification event is sent to user, recording cannot be started until connected device and club is chose.

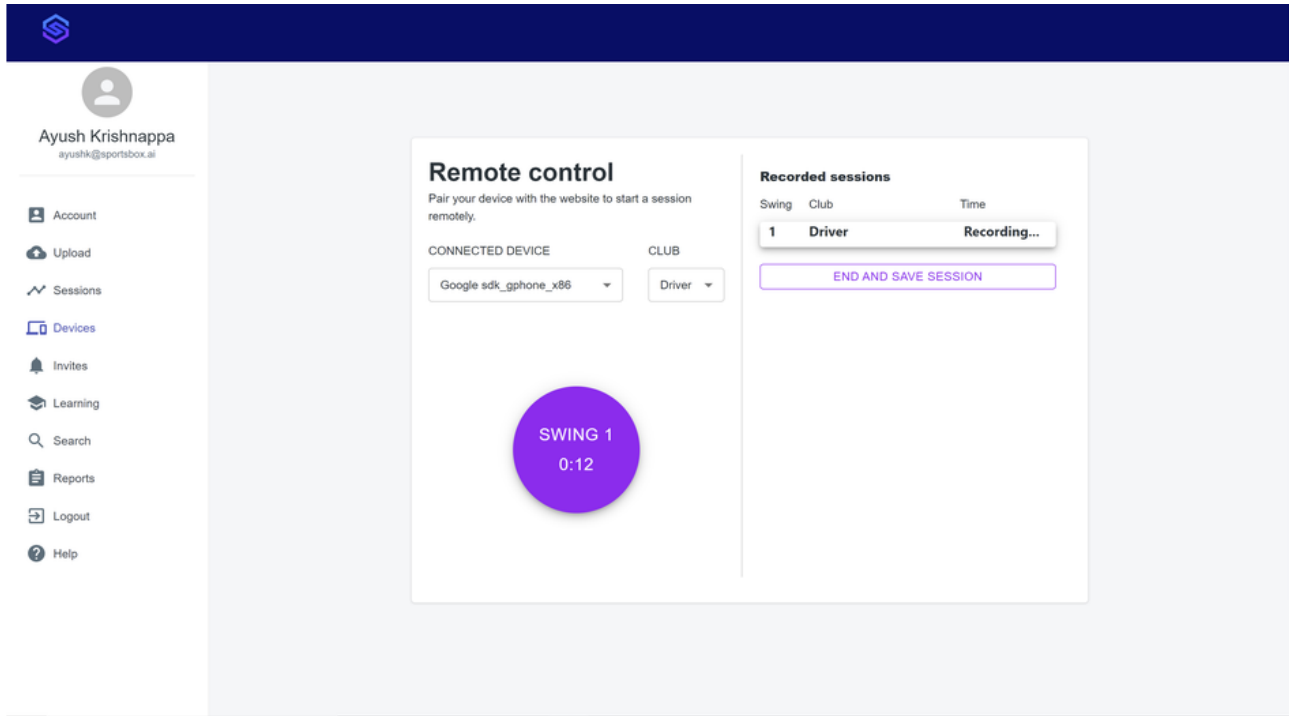
Initial page without device or club selected, record button and end session button both disabled



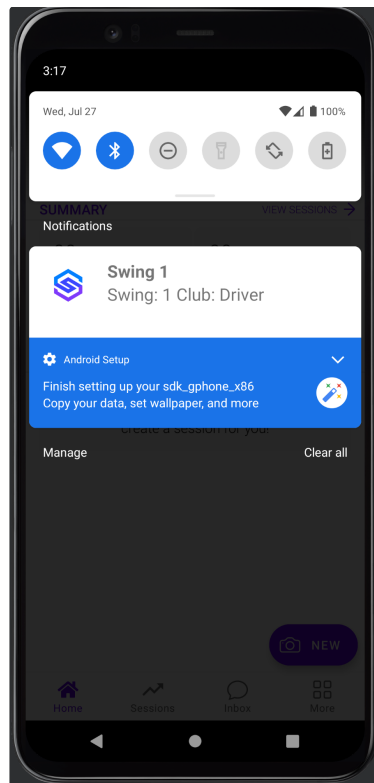
Remote Control record button now enabled once device and club selected



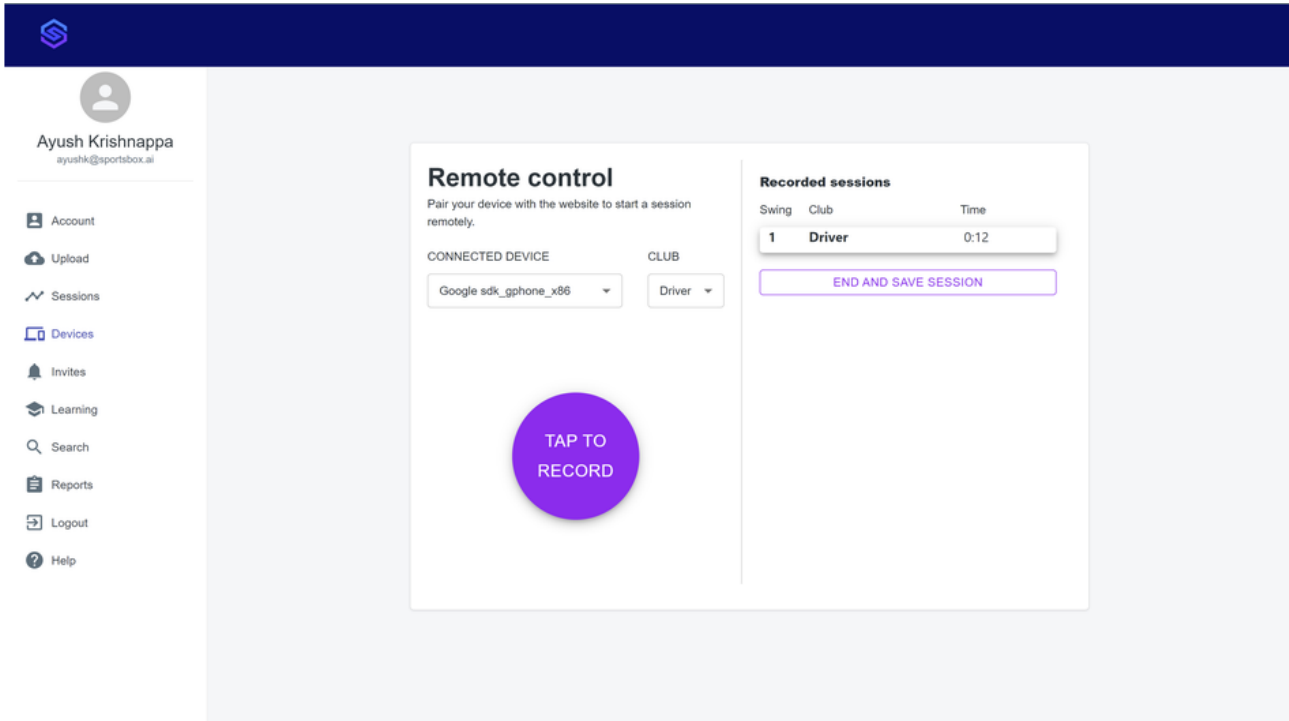
Once record button pressed, recording event sent to mobile app and mimics recording on website



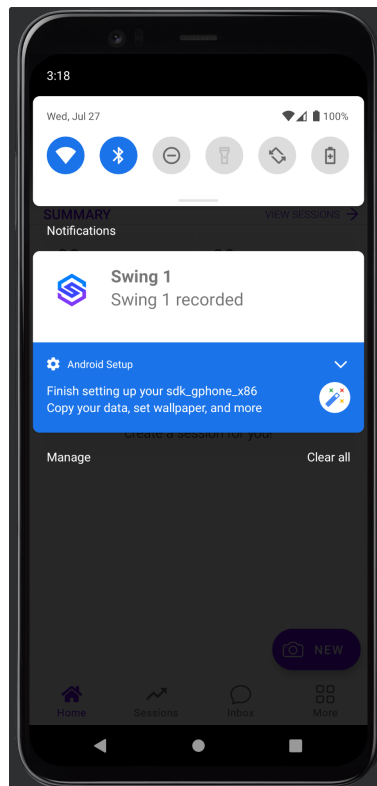
Send swing recording info to mobile app, swing number and club type



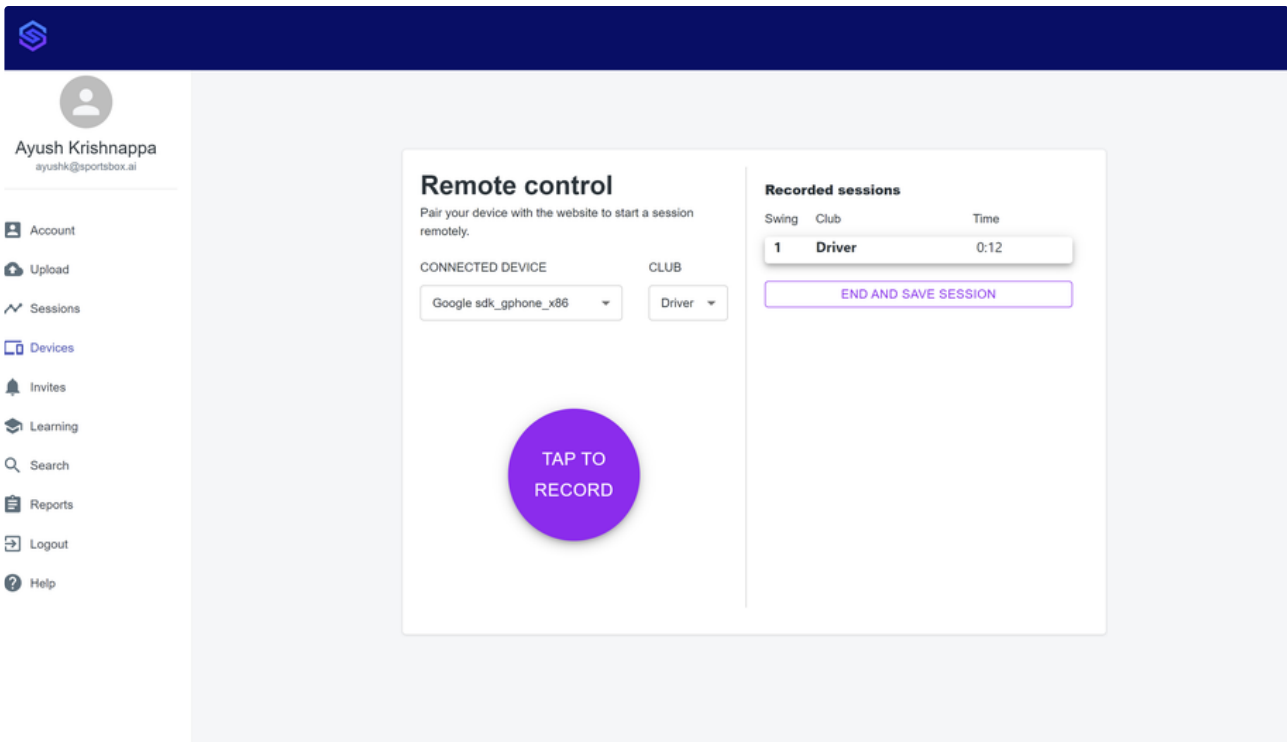
When swing done recording press button again, swing is saved to recorded sessions



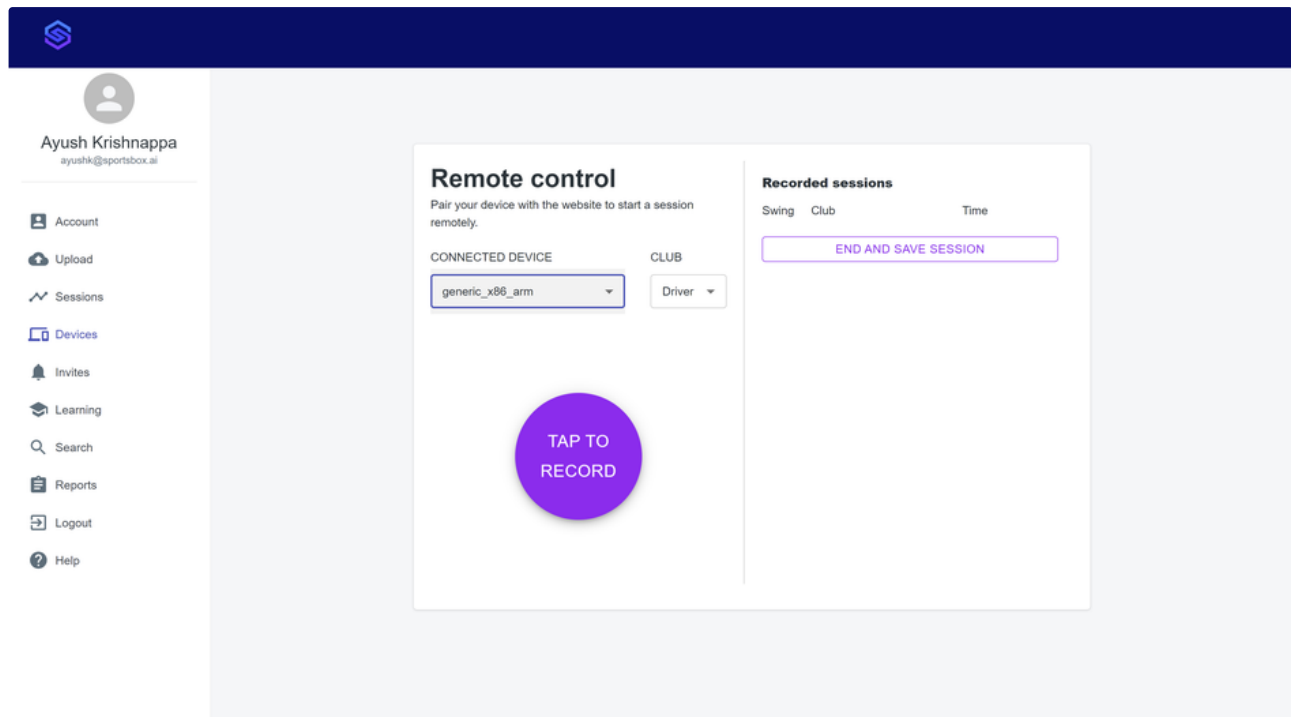
Sends recorded event noti to mobile application



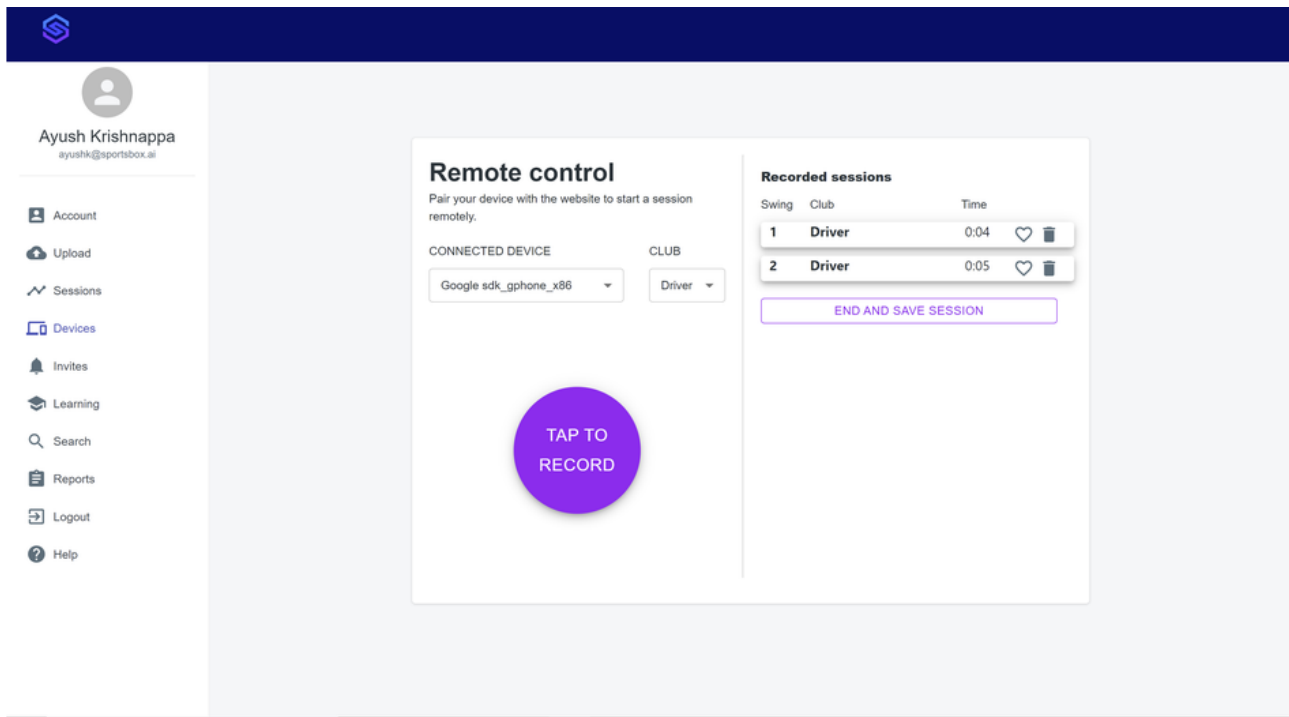
Pre device change sessions all saved for device



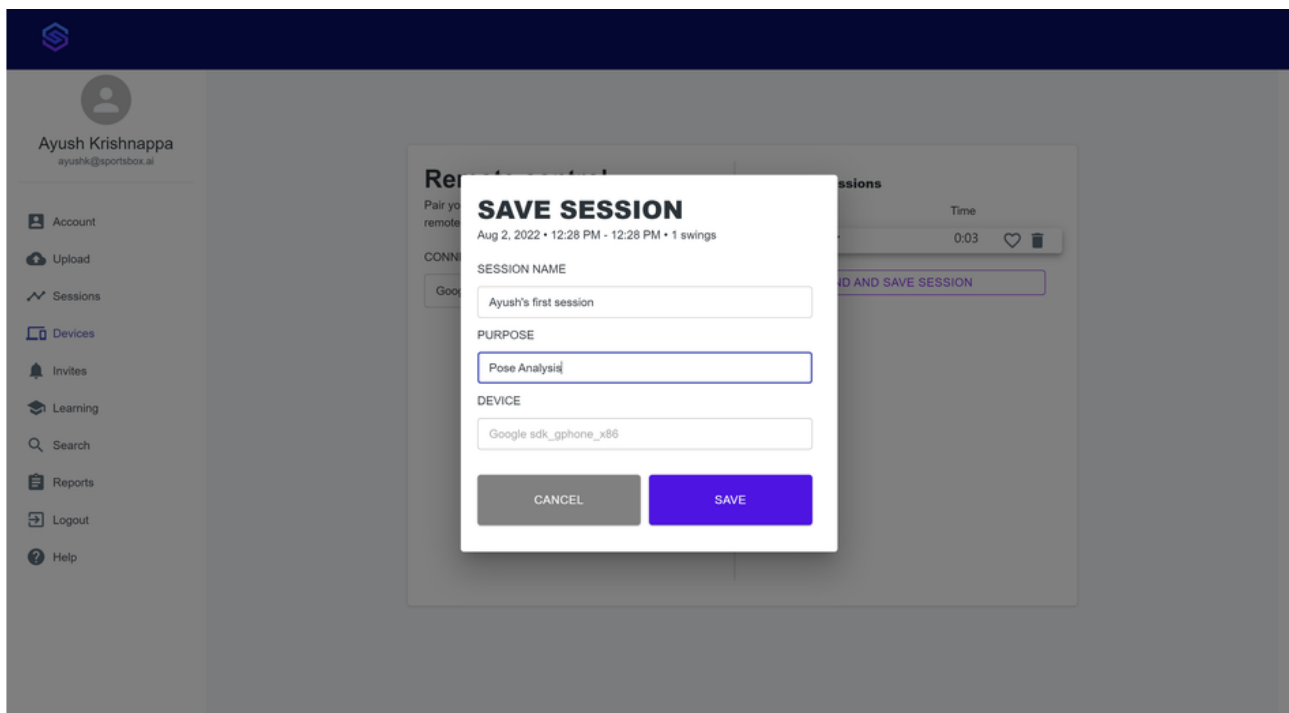
Post device change sessions and swings are reset for new device as well



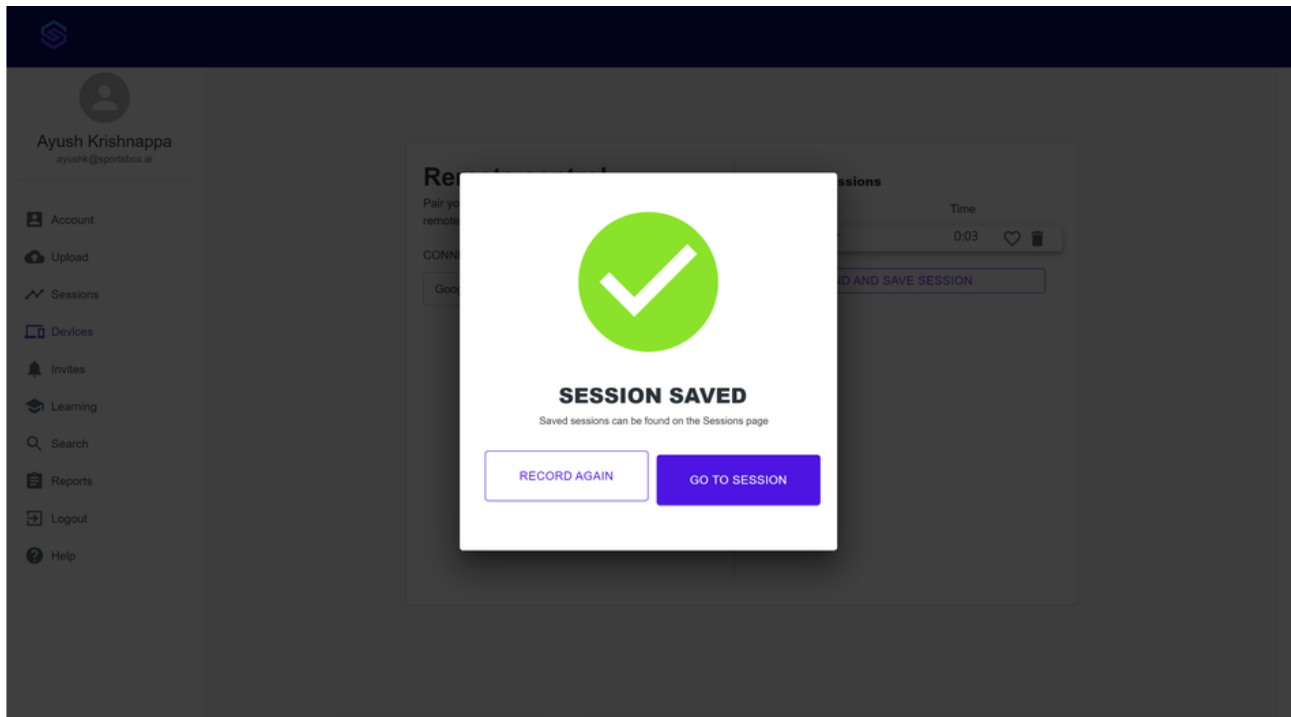
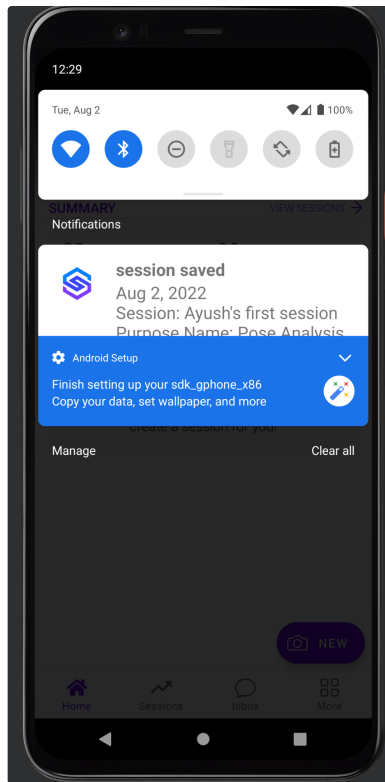
Favorite and delete options for recorded sessions, delete functionality needs to be finished, favorite session animation for heart button needs to be completed



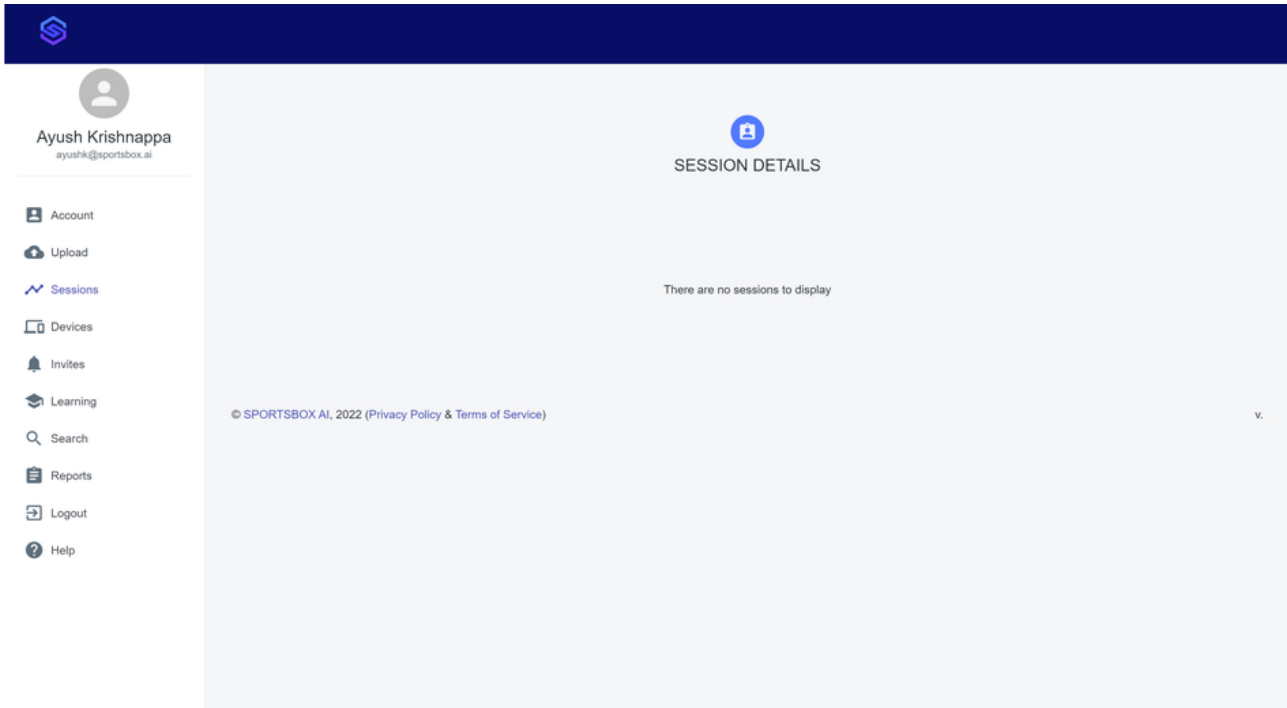
When end and save session button is pressed, dialogue box opens for user to enter information to save a session. Dialogue box presents date, session time, number of swings, user input session name, user input, user input purpose, and an un-editable device name which session was recorded with. User can cancel save session and save session to sessions page. Saving sessions to session page functionality needs to be finished.



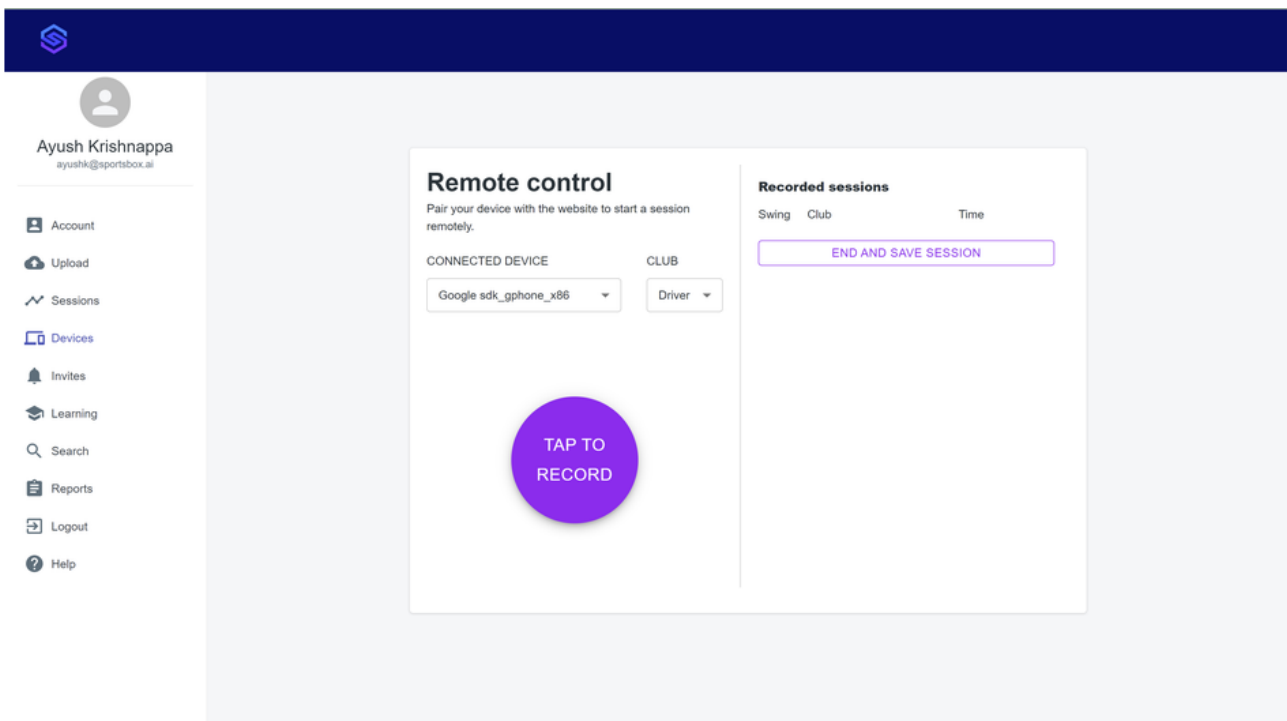
When save option is pressed, goes to new dialogue box with confirmation of session saved, with options of recording again or going to session. Save session event is also sent to mobile application letting user know session was saved



When record again option pressed, session controller resets sessions and swings to blank state, go to session option needs to be implemented, session needs to be sent to sessions tab on website where user can view session



when go to session button is pressed, user is moved to sessions page, session needs to be added to session details page



when record again is pressed page is reset to empty state where user can begin recording sessions again