



# Events

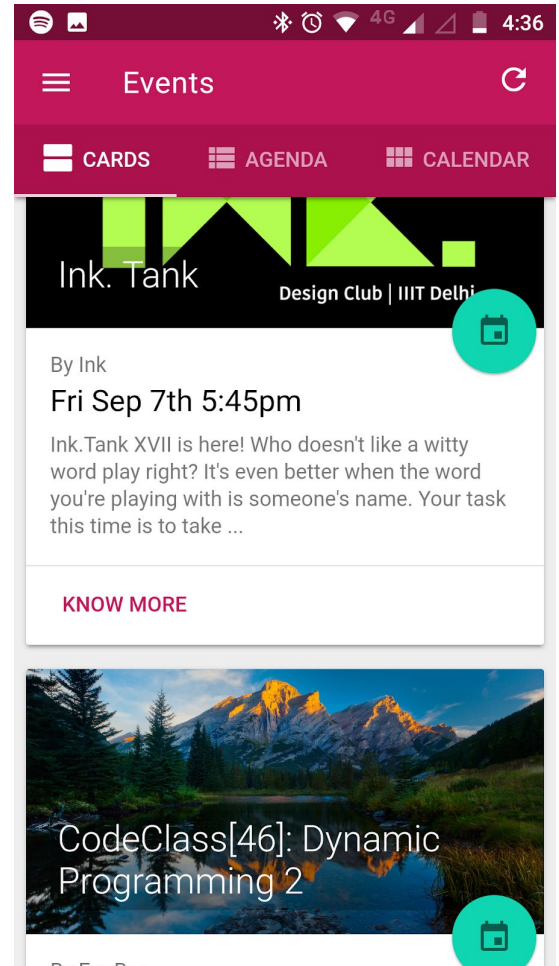
A Progressive Web App that handles club events at IIITD

## Overview

Events is a Progressive Web App (PWA) that has the capability to handle all club related activities at IIITD. This web app is basically a responsive website that is mobile friendly first. The web app can be added as a home screen shortcut and run in a full-screen mode providing a native app experience. The PWA is capable of sending notifications (even reminders) to users even when the app is not currently in use. It uses various cache strategies and can work offline. PWAs work best with Google Chrome and Mozilla Firefox.

## Why a PWA?

Progressive Web Apps are the future. They don't take up much space as the native apps do. They are really fast, and they even work on slow internet connections. You can access contents even while offline.

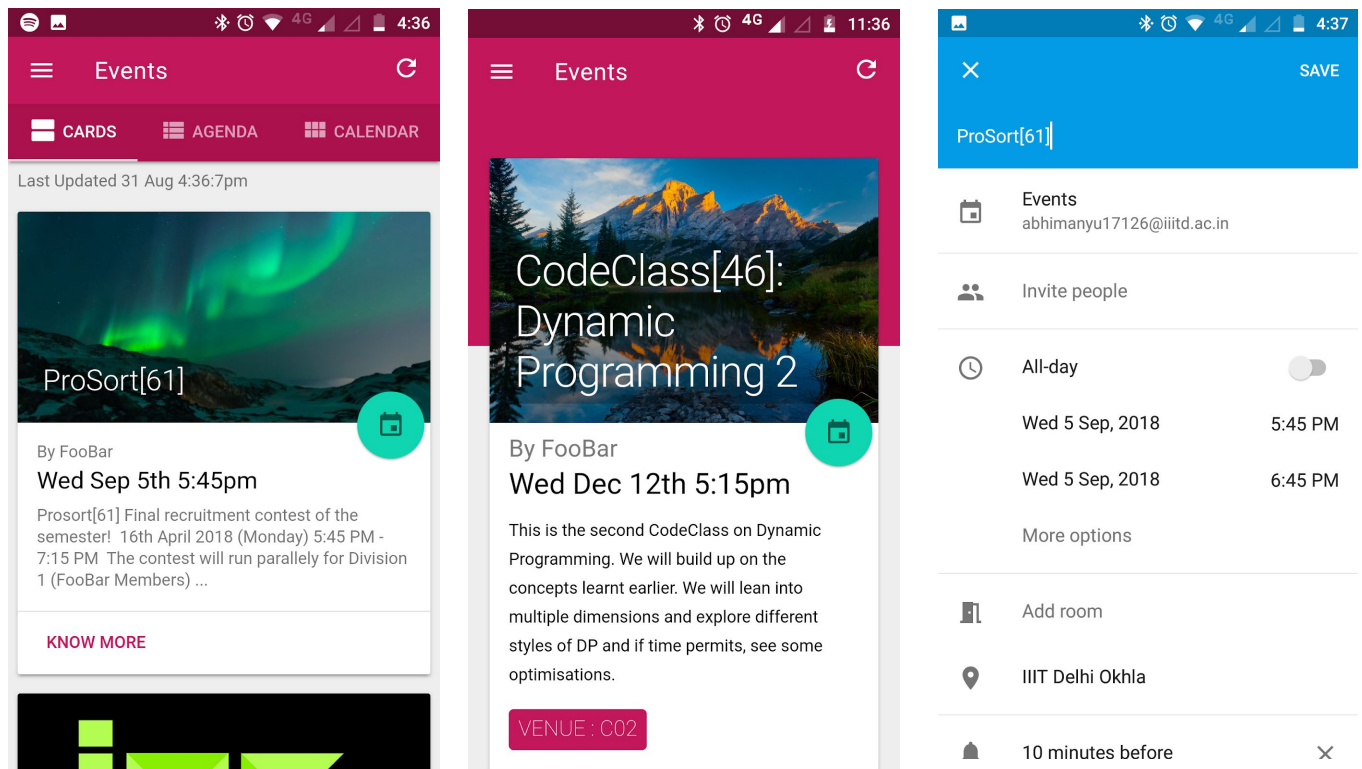


## Features

### Different Views to look at events

There are 3 ways in which a user can look at the events that are currently taking place.

#### 1. The Card view:

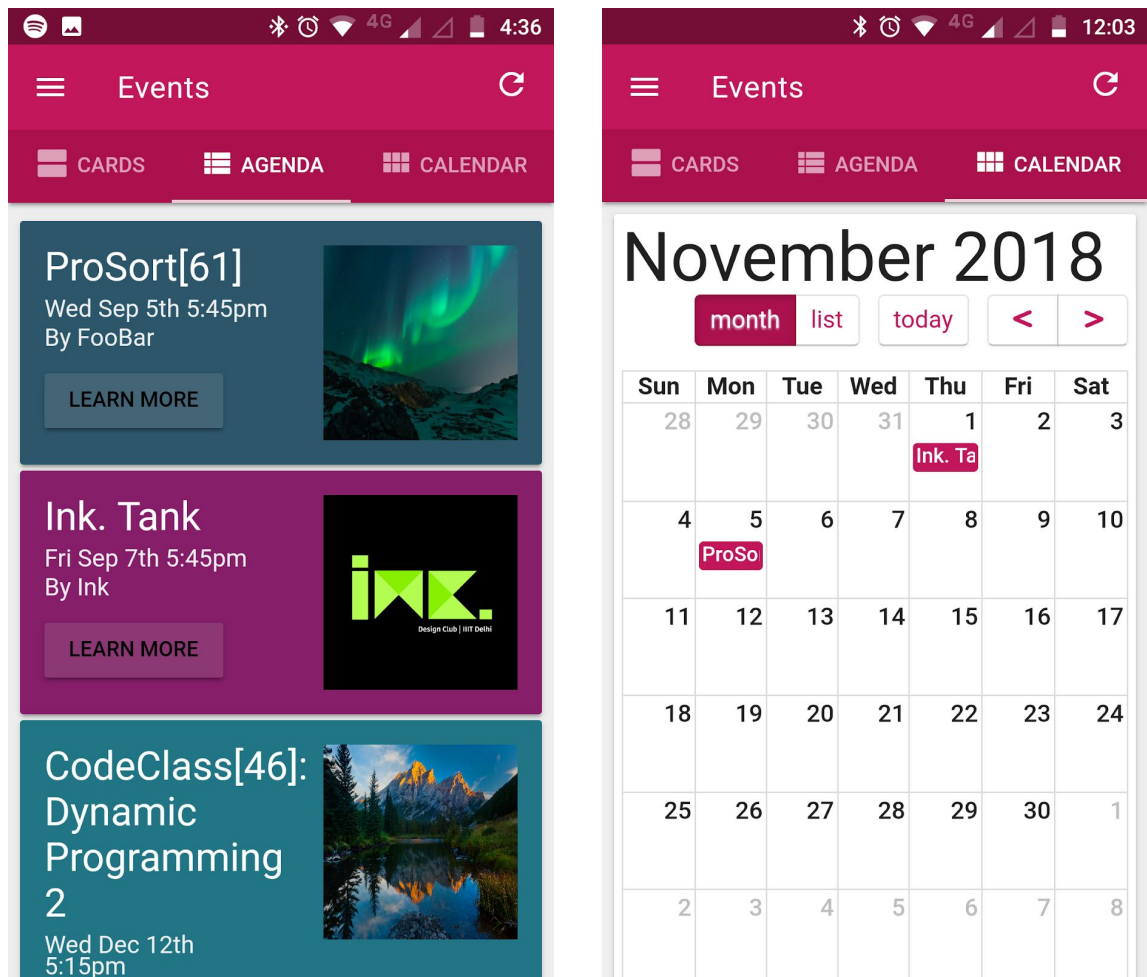


Each card has a know more button which redirects to a know more page if the user is interested in knowing about the event. The Calendar button on

3 | Developed by Abhimanyu Jha using Node.js

each card opens up the google calendar app with all the details pre-filled so that user can add the events they're interested in, to their calendars.

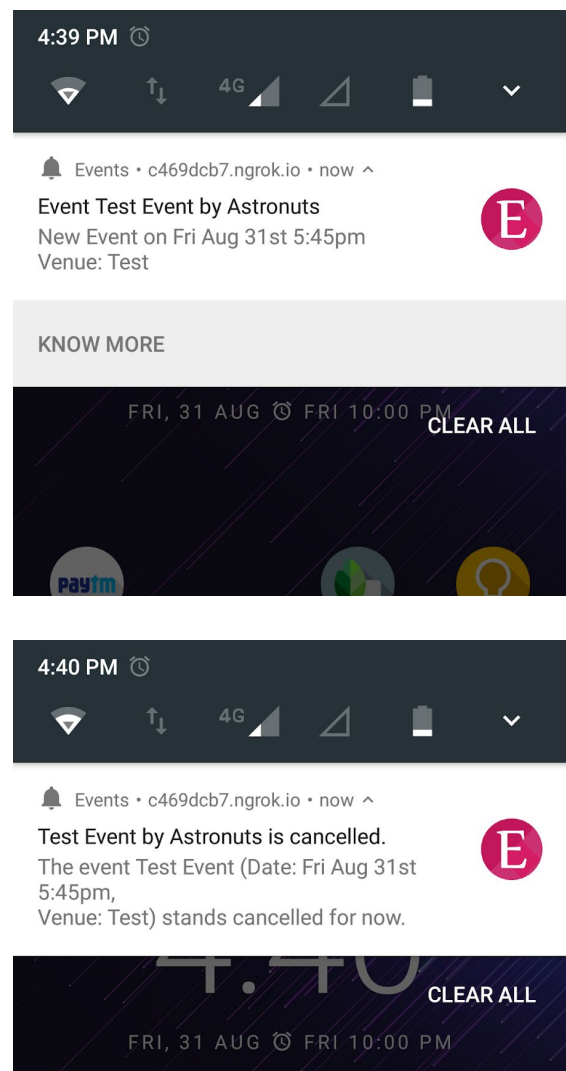
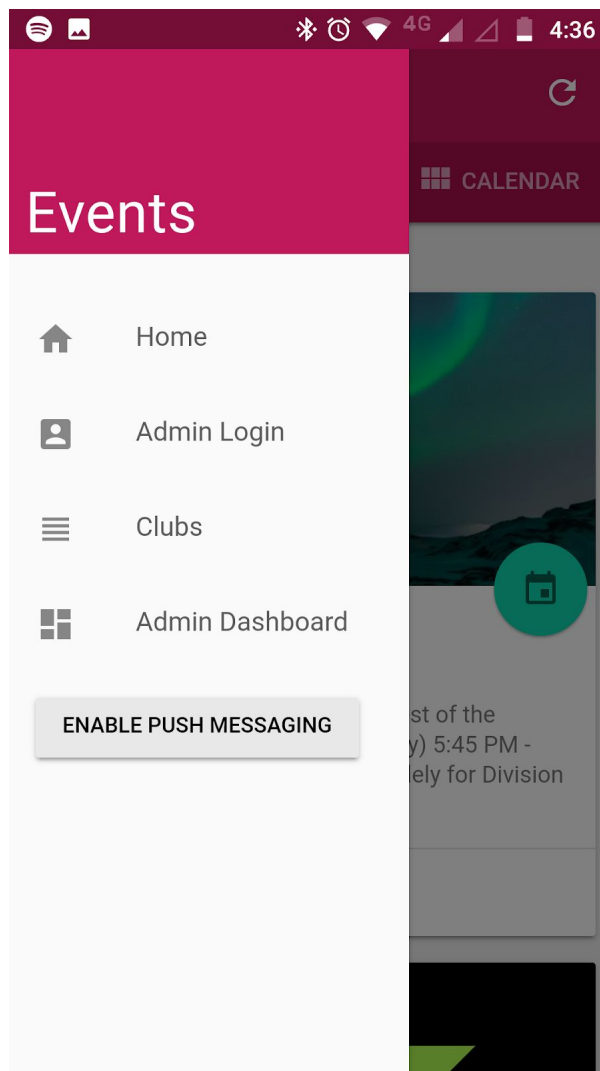
2. The Agenda view and 3. The Calendar view:



These views are to give the user a glimpse of several events happening at one glance.

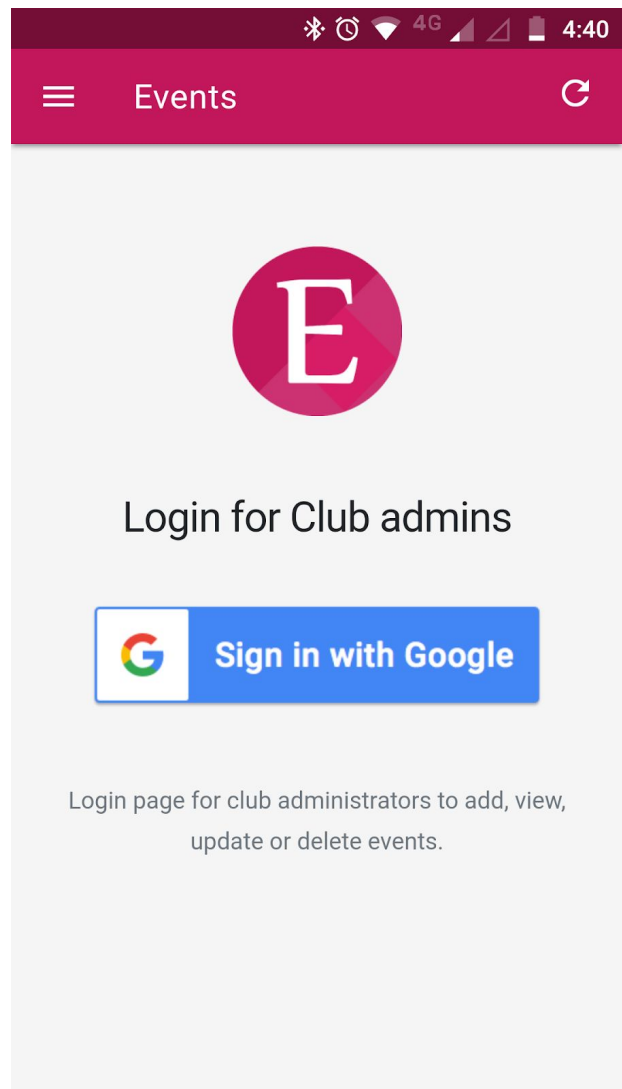
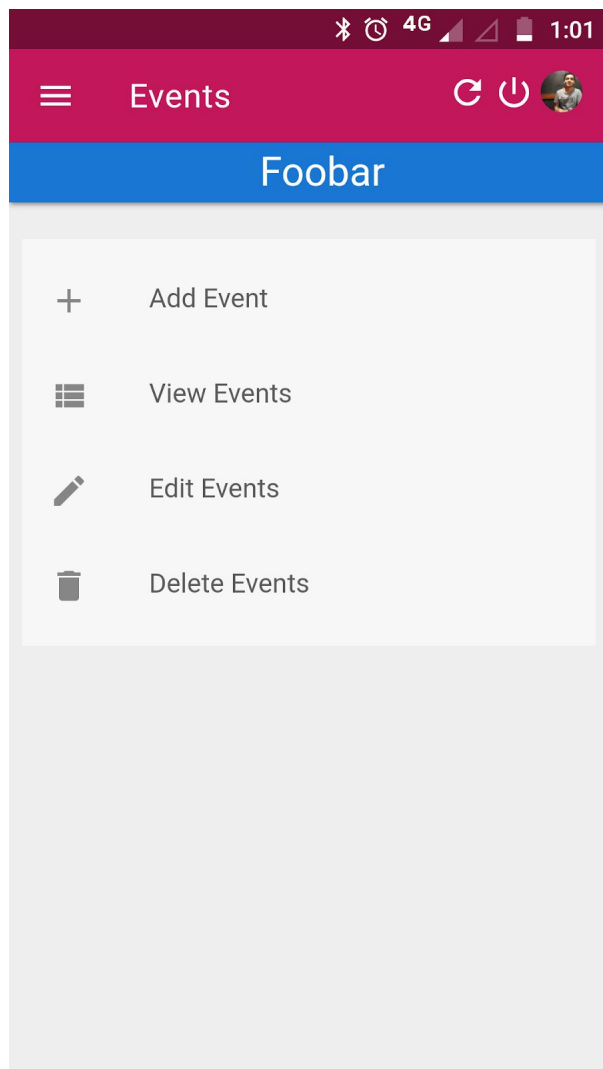
## Notifications for Events

Users can receive notifications if they wish to by subscribing to the notification service and get informed about events being added, edited or cancelled. They can unsubscribe to the service whenever they wish to do so.




# Easy management of events



Club coordinators can log in using their accounts and add, cancel or make changes to events of their respective clubs.



Only club coordinators can access this dashboard and make changes in the events.



Events



Foo

Event Name

Test

Event Date

18/09/2018

Event Time

05:05

Event Description

Test

Choose image for event

Browse


Event Venue

Test



Club Name

foobar





SUBMIT



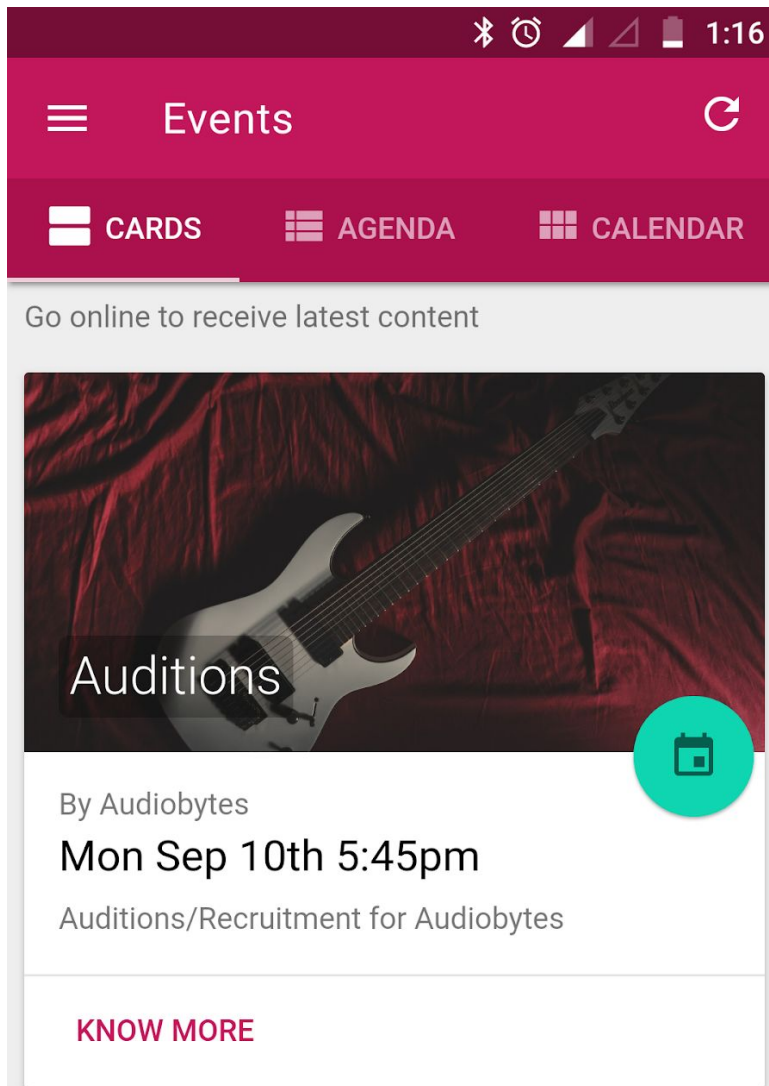
Events



Foo

title	Date	Venue	Club	Edit
roSort[61]	Mon Nov 5th 5:45pm	B.Tech Lab	FooBar	 
odeClass[46]: ynamic rogramming	Wed Dec 12th 5:15pm	C02	FooBar	 

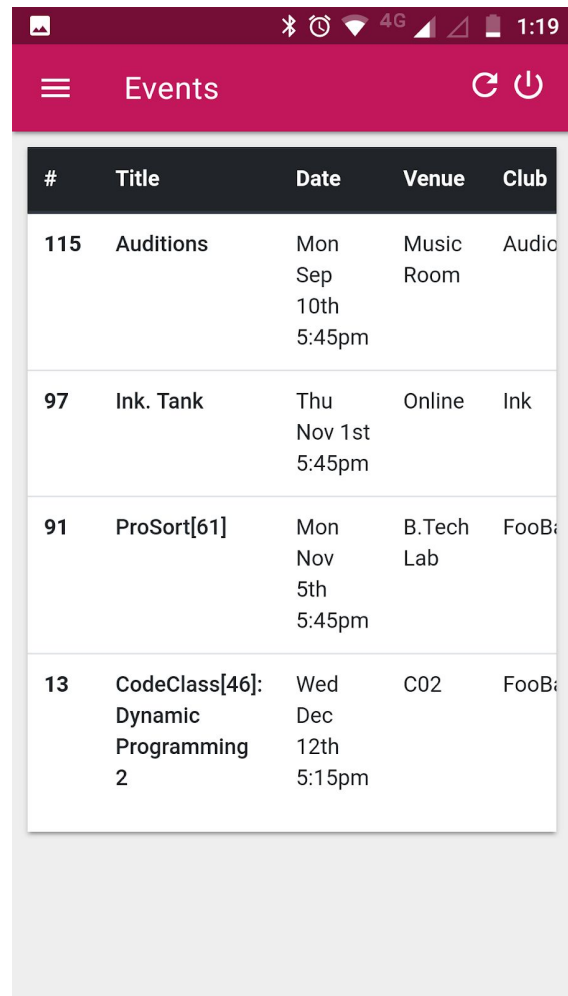
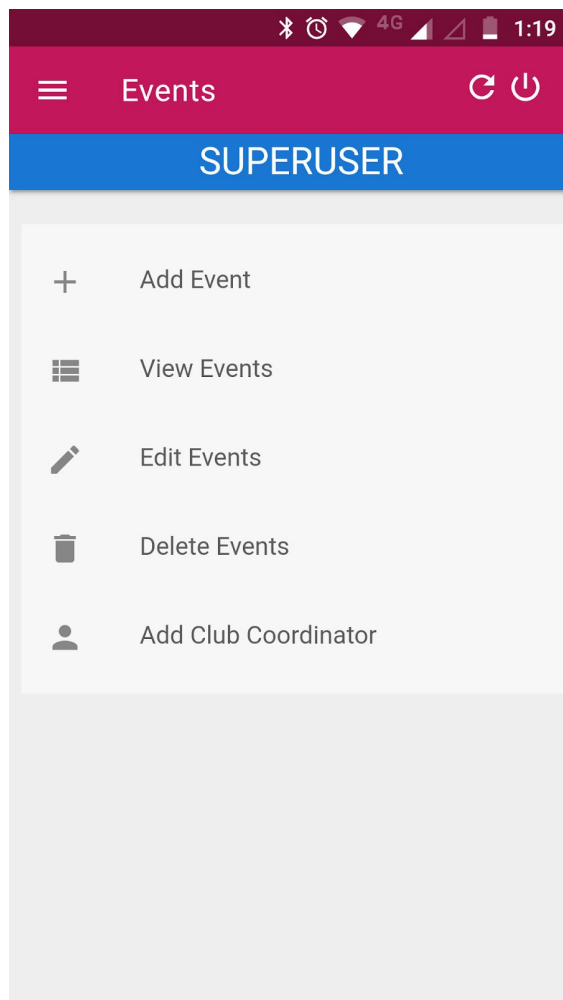
## Offline capability and Fast experience



The PWA can work offline since it uses the browser's cache. Some routes are already added to the cache but as the user accesses more routes they are automatically also added to the cache.

This accounts for a fast native app like experience since all requests are not directed to the web server but intercepted and delivered from the cache.

## Superuser Access



A superuser access can be given to coordinators who will have the access to add/edit/modify all club events.