

I created a Community Event App using Android Studio as many apps are not available to android users as opposed to apple users. I coded my whole app in Java and used Firestore Firebase to not only store events, but users' scheduled events and users' personal information (in separate collections). Let me walk you through my app: The first screen displayed on the app is a Register screen. The user has the option to create a new account, login, or recover their account. New Users will enter their first name, last name, email, desired username and desired password. Then, they will proceed to the login page where they enter their credentials. After verifying that these credentials match the credentials saved in the database, the user is taken to a homepage with several different options. In the top left, is a button that says Create Event. This is for people trying to market their event through our app. On the top right is the View Events button, where users will be able to see 2 weeks' worth of daily events picked out for them in the McKinney area. They can add any of these events to their calendar created with calendar API which is the middle left button on the homepage. These events will be displayed in their daily and weekly calendars every time they log in until the event date has passed. Middle right button is for Account Security where the user can view their account information, change their password or set up security questions which will help them recover their account in the future if they forget their password or username. Lastly, the App information button is on the very bottom of the homepage. The app model, creator name, description, and picture are displayed.

The whole concept of my app specifically is to increase connectivity in my McKinney community as it is designed for McKinney residents in scope. Those who use my app will be connected with each other as they will be attending the same events, the advantage of having 1 event provided each day. This is intended to be a quick and easily-operated people can use for 5-10 minutes each day to keep track of their community events hence the simple layout and model. However, if scaled, I could increase the scope from McKinney to any community out there and include a locational feature so users can connect with other people nearby through local events.