

Sensor Application is using accelerometer sensor to get the device orientation. The three orientations are shown as x,y and z. Sensor has four sensing intervals: Fastest,Normal,UI and Game. Graph view library is used to display orientation graphs over time. History of orientation is stored in the database. Room database is used for storing in the database. Mainactivity of the app contains three buttons for displaying orientation graphs of x,y and z over time. One button "Delete Past Data" is used to clear all past data in the database. It is useful as we want to store the most recent orientations in the graph. Data is stored in the database as soon as the orientation of the device changes.