

Introduction to Eclipse – Final Project

Blood Pressure Application

Created by

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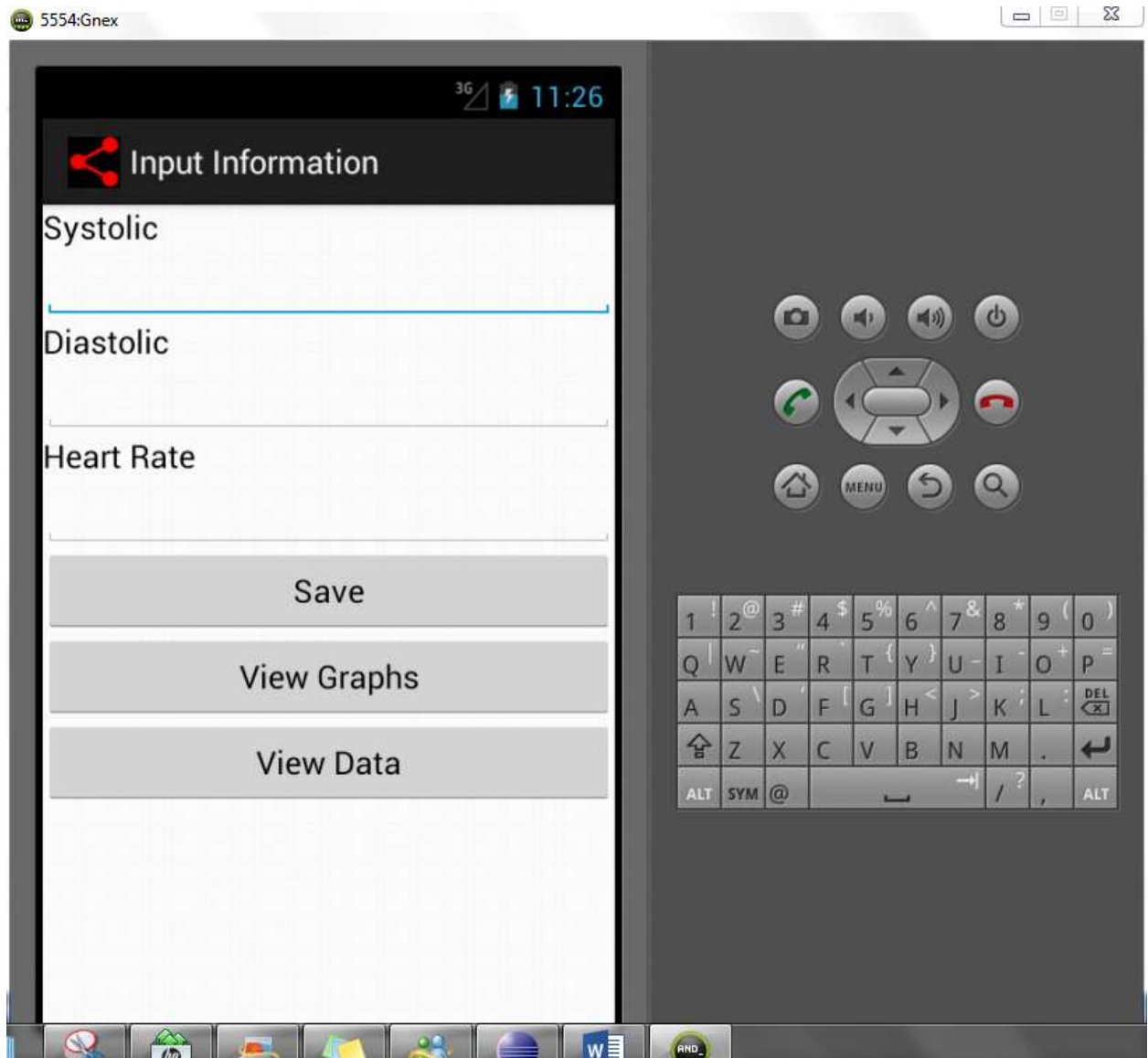
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## Tutorial

### Step 1: Main screen

Enter the blood pressure information.

Input the Systolic blood pressure value, diastolic blood pressure value and the pulse rate into the appropriate fields using the touch keyboard on your android device.



### Step 2: Select option "Save"

Touching the "Save" button will record the user input values into the SQLite database. Which can be later used for generating graphs or displaying the history of blood pressure data.

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Input Information

Systolic

Diastolic

Heart Rate

Save

View Graphs

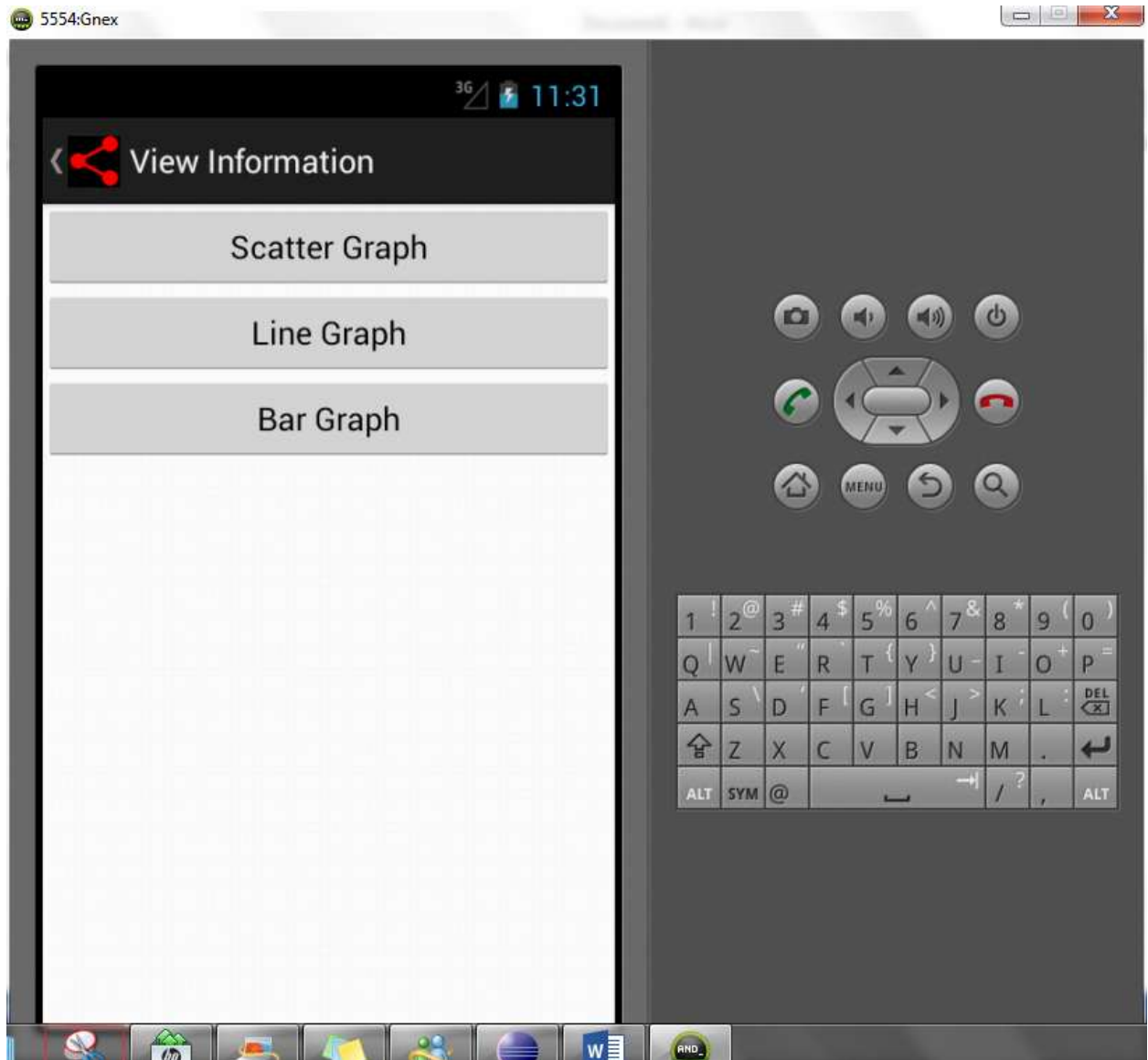
View Data

MENU

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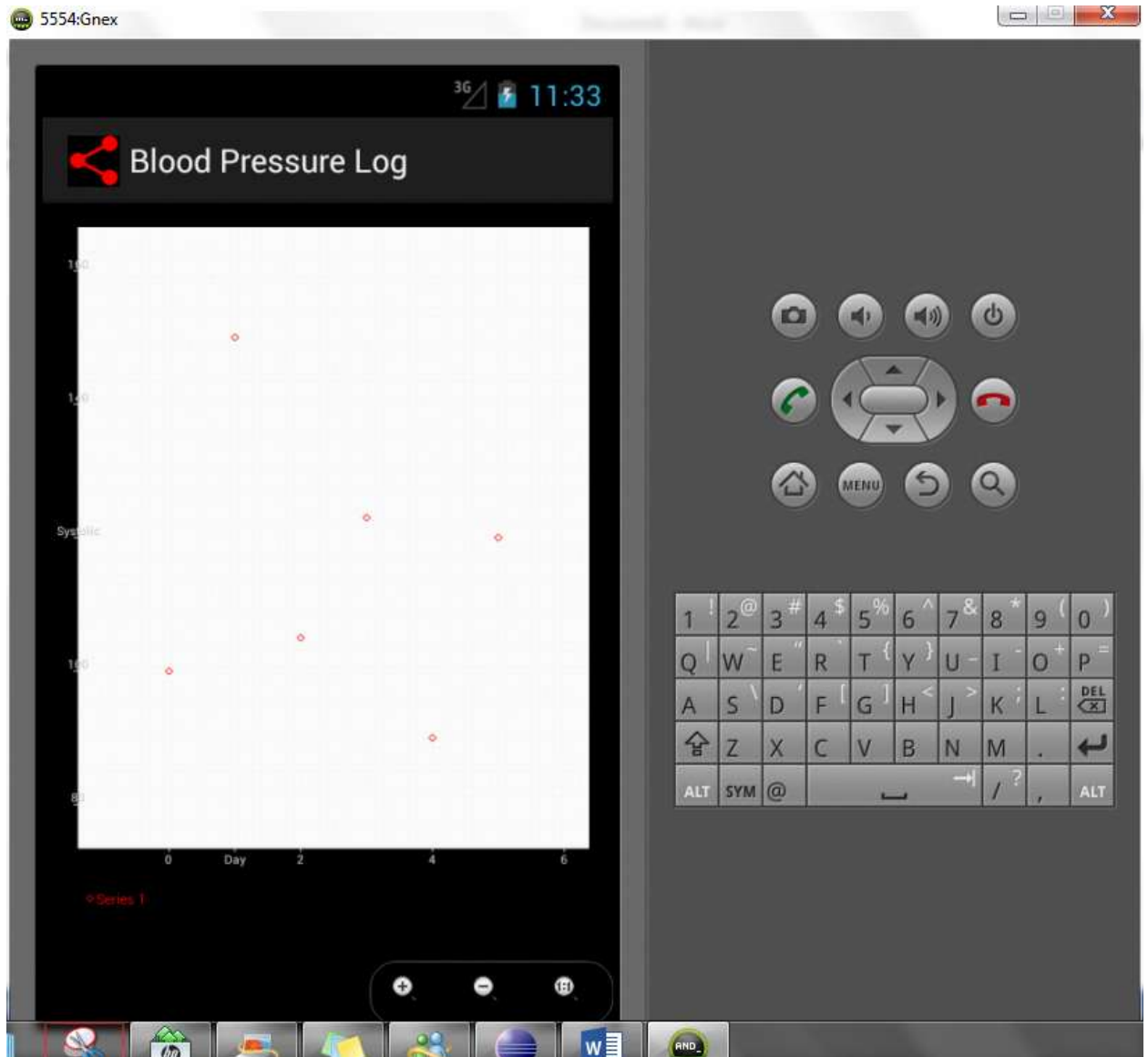
### Step 3: Select “View Graph”

Touching the View graph button will bring the user to another screen which provides the user will three types of graph options to view the data from the database.



#### Step 4: Select "Scatter graph"

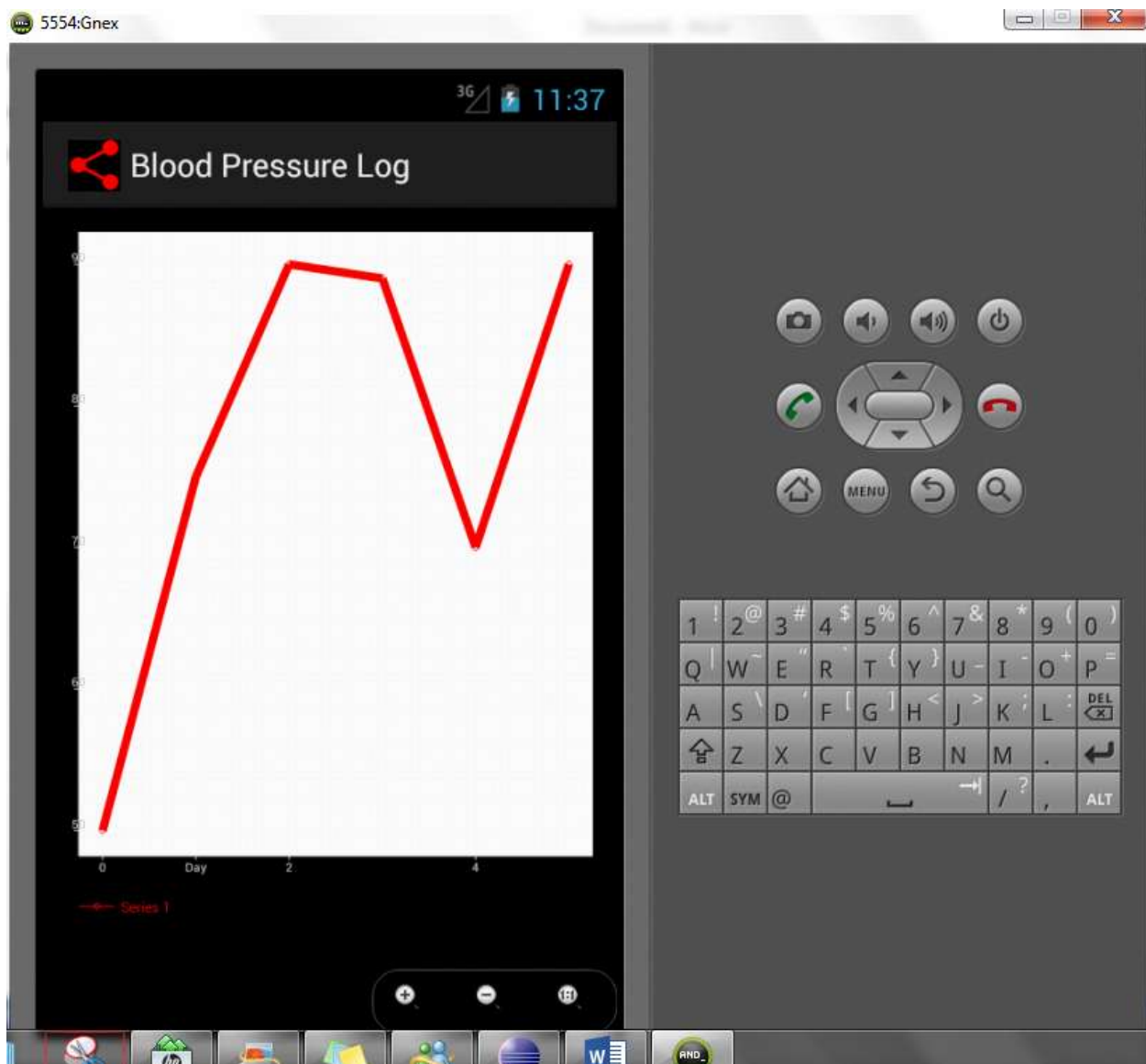
Touching the Scatter graph option will display a scattered graph representation of the blood pressure data.



The user can click on the Zoom-in or Zoom-out buttons to zoom in and out of the graph depending on viewing preference. Alternatively the graph can be zoomed in and out by pinching the screen with two fingers, while running the app on an android device.

### Step 5: Select “Line Graph”

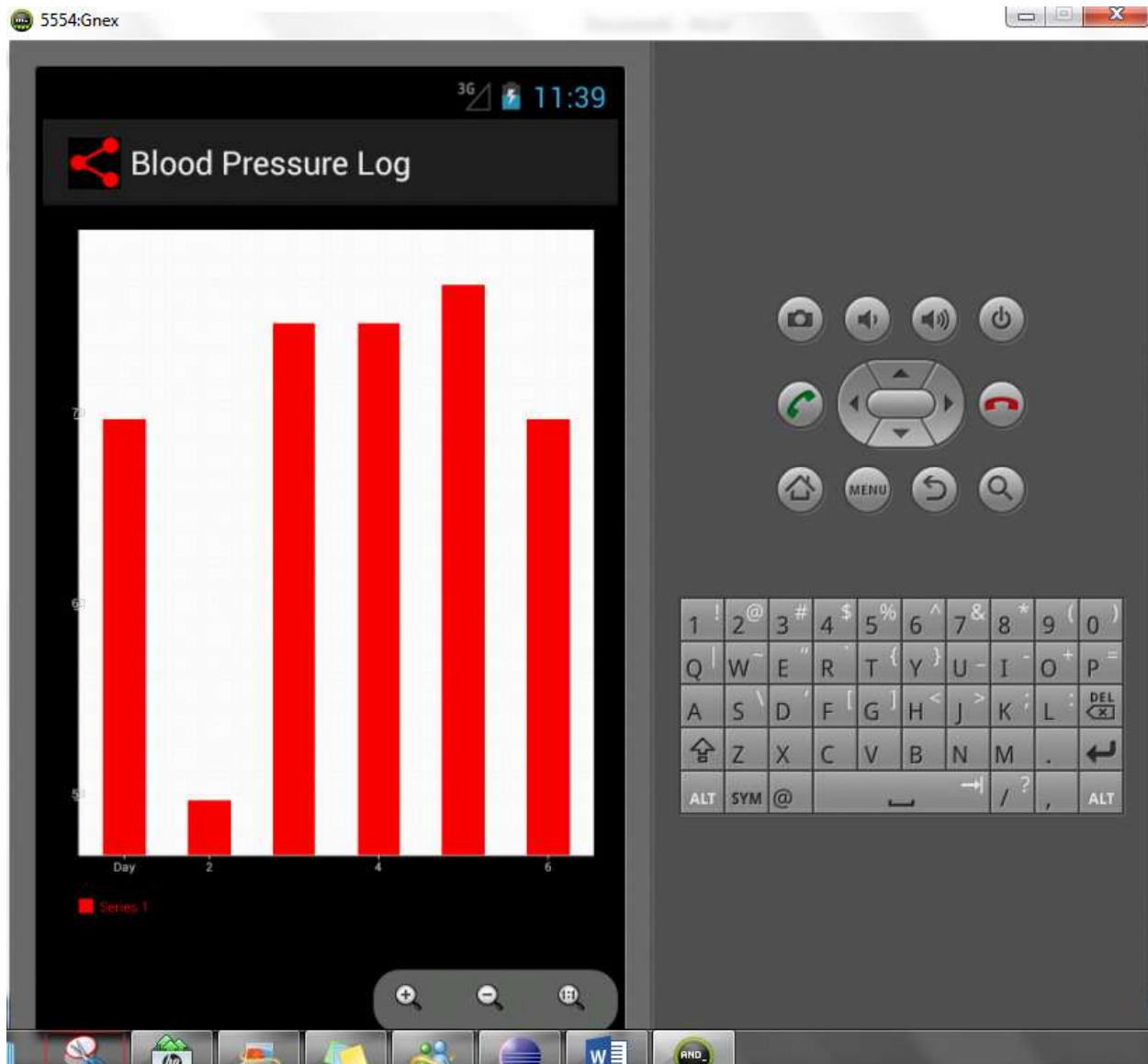
Touching the line graph will display the data represented in a line graph format.



The user can click on the Zoom-in or Zoom-out buttons to zoom in and out of the graph depending on viewing preference. Alternatively the graph can be zoomed in and out by pinching the screen with two fingers, while running the app on an android device.

### Step 6: Select “Bar graph”

Touching the bar graph button will display a bar graph representation of all the blood pressure data saved on the database.



The user can click on the Zoom-in or Zoom-out buttons to zoom in and out of the graph depending on viewing preference. Alternatively the graph can be zoomed in and out by pinching the screen with two fingers, while running the app on an android device.

## Step 7: View Data

After viewing the graph press the return button on the device to return to the main screen. Or if already on the main screen, touch “View data” button.

This takes the user to another screen which displays the data stored in the database along with the date on which the user had input the information.

