

Report Homework 3:
Graduate Report
Name: Abhishek Shankarnarayan
RUID: 179004965

An additional switch was added to the main activity where the location provided could be set to either GPS or Network. The switch is set to GPS by default. On clicking the switch the location can be toggled between GPS and Network. The `getaccuracy()` method is used to find the accuracy of the location obtained either using GPS or Network. It was observed that GPS provided better accuracy compared to Network both indoors and outdoors. However the accuracy of GPS is better outdoors compared to indoors.

5 readings were taken on GPS and Network. Indoors and Outdoors:

GPS accuracy of 1.7 was obtained when the reading was taken in an open park
Outdoors:

Location number	GPS Accuracy	Network accuracy
1	4	25
2	3	20
3	1.7	33
4	2	21
5	5	19

Indoors:

Location number	GPS Accuracy	Network accuracy
1	9	17
2	10	19
3	11	18
4	8	19
5	9	19

Outdoors:

Location number	GPS Delay ms	Network Delay ms
1	996	830
2	1000	870
3	1104	770
4	880	320
5	900	700

Outdoors:

Location number	GPS Delay ms	Network Delay ms
1	970	840
2	890	793
3	1218	956
4	1104	789
5	993	652