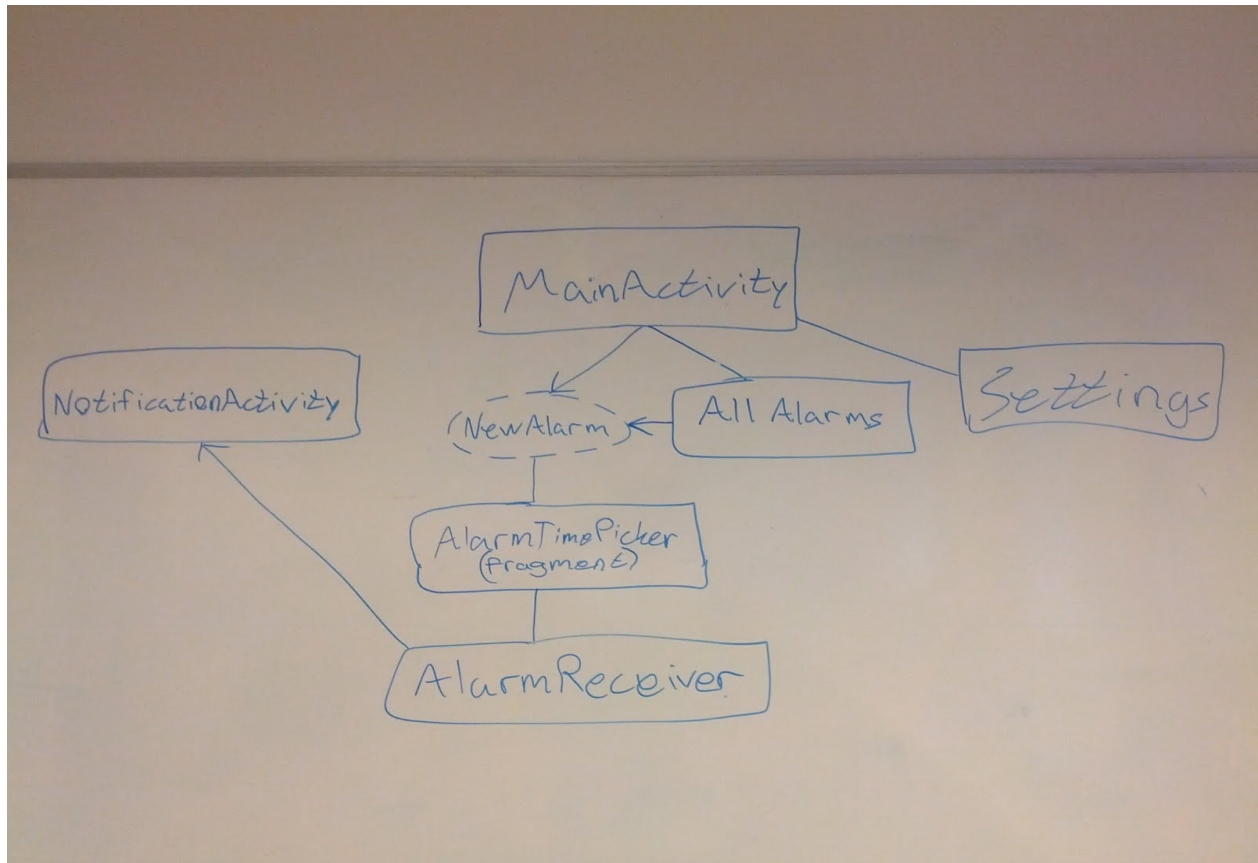# Code architecture

The architecture so far is shown in the picture above.

Explanation:
We have a MainActivity that serves as a main hub of the program. From the MainActivity you can access all active alarms, the settings and also add a new alarm quickly. When adding a new alarm the AlarmTimePicker fragment will let the user choose the time which the alarm should go off. The fragment will then add the alarm to the android AlarmManager which will take care of making sure the alarm goes off correctly. When the time has come the AlarmManager will send an notification to the AlarmReceiver which handles the alarm and acts accordingly. For now the AlarmReceiver will start the NotificationActivity which will show up on the users screen.