# Mobile Development: Plan for week 11 [week 10](M2016F_plan_Week10.pdf) - [week 13](M2016F_plan_Week13.pdf)

## Goal for this week

* You should have knowledge about more advanced elements of android

**Preparation before Tuesday 15th March**

**Get an overview about the topics below**

* Contentprovider:
  + About contentprovider
    - <http://developer.android.com/reference/android/content/ContentProvider.html>
    - <http://docs.xamarin.com/guides/android/platform_features/intro_to_content_providers/>
    - <http://stackoverflow.com/questions/5386509/insert-data-into-content-provider-then-display-it-in-a-listview>
  + How to make your own contentprovider  
    Tutorials
    - <http://about-android.blogspot.com/2010/04/content-provider-example-1.html>
    - <http://www.vogella.de/articles/AndroidSQLite/article.html#todo_contentprovider>  
      Kode: [Source Code of Examples](http://www.vogella.de/code.html)  
      - [de.vogella.android.contentprovider](http://www.vogella.de/code/de.vogella.android.contentprovider/codestartpage.html)    
      - [de.vogella.android.sqlite.first](http://www.vogella.de/code/de.vogella.android.sqlite.first/codestartpage.html)
    - <http://thinkandroid.wordpress.com/2010/01/13/writing-your-own-contentprovider/>
  + Try also to seach google on "DiaryContentProvider.java + SQLiteOpenHelper.java"
* Services and Notification
  + Example on Service: [Android\_ServiceDemo.zip](http://bjoerks.net/klasser/Mobile_2014_Foraar/Materiale/Android_ServiceDemo.zip)
  + From TheNewBoston about notification.
    - [189 - Notifiying Status](https://www.youtube.com/watch?v=e74z0_Z5QWI&index=189&list=PL2F07DBCDCC01493Ahttp://thenewboston.org/watch.php?cat=6&number=191)[Bar](http://thenewboston.org/watch.php?cat=6&number=189)
    - [190 - Setting up a Notification](https://www.youtube.com/watch?v=Vj7HZROhWL4&index=190&list=PL2F07DBCDCC01493Ahttp://thenewboston.org/watch.php?cat=6&number=190)
    - [191 - Notification Manager Methods](https://www.youtube.com/watch?v=4vDHn4ZO6LY&index=191&list=PL2F07DBCDCC01493A)
  + I relation the folowing might also be relevant:   
    Broadcast reciever: <http://www.youtube.com/watch?v=qSk0yUlhjnc>
* About Fragments
  + <http://developer.android.com/guide/components/fragments.html>
  + <https://developer.android.com/training/basics/fragments/creating.html>
* Use of simple grafic – Tutorials
  + <http://www.tutorialforandroid.com/2009/06/drawing-with-canvas-in-android.html>
  + <https://developer.android.com/training/graphics/opengl/index.html>
  + TheNewBoston: [168 - Introduction to OpenGL ES](https://www.youtube.com/watch?v=JVr4eDNedbY&index=168&list=PL2F07DBCDCC01493A)
* Getting your app on google play marked - WEEK 13 ??????
  + From TheNewBoston - about google play - app on marked.
    - [145 - Exporting apk and signing keystore](https://www.youtube.com/watch?v=IYhJp-jqJyM&index=145&list=PL2F07DBCDCC01493A)
    - [146 - Obtaining Key for a specific Project](https://www.youtube.com/watch?v=95y8wsjvnHE&index=146&list=PL2F07DBCDCC01493A)
    - [199 - Putting an App on the Market](https://www.youtube.com/watch?v=1j4prh3NAZE&index=199&list=PL2F07DBCDCC01493A)
    - [200 - Updating Application](https://www.youtube.com/watch?v=s9ryE6GwhmA&index=200&list=PL2F07DBCDCC01493A)
  + <https://romannurik.github.io/AndroidAssetStudio/> to make icons

## Teachers plan for Tuesday 15th March (9:00-12:00)

* Follow up on the weeks of study (adjusting plan for week together)
* Discussion about the subject for this week
* Working on app (se below)

## Preparation before Friday 18th March

* Make some experiments with one or more of the subject for this week

## Teachers plan for Friday 18th March – 8:30-10:00

* Follow up on the weeks of study (adjusting plan for week together)
* Working on app (se below)

## Fra tidligere undervisning - om Contentprovider, SQLite og grafik

**29:30**Se senere

[Mob12F Mobile uge11 part2 - Android](https://www.youtube.com/watch?v=CbmKbjQAGLM&list=PLWg7ytE2Y07KKBCkoGw6ZR-vxs-FotSjZ&index=9)

**48:23**Se senere

[Mob12F Mobile uge11 part3 - Android](https://www.youtube.com/watch?v=mTWsgbWimtk&list=PLWg7ytE2Y07KKBCkoGw6ZR-vxs-FotSjZ&index=10)