My Institution   **Courses**   Community   Emma Kjergaard Rolsted

F19 - ITSMAP-01 Smartphone applikationer [24007PU042]   Assignments   Assignment 1

Assignment 1

Assignment 1 - Movie Library

The purpose of this assignment is to create an app that lets the user keep track of a movies that he/she has watched or wants to watch later. In this case we will work with a fixed data set in your app of 11 movies (see table below). It will be possible for the user to manually edit his/her rating of the movie and add notes. The official movie data for assignment 1 is attached as a CSV file: movielist.csv
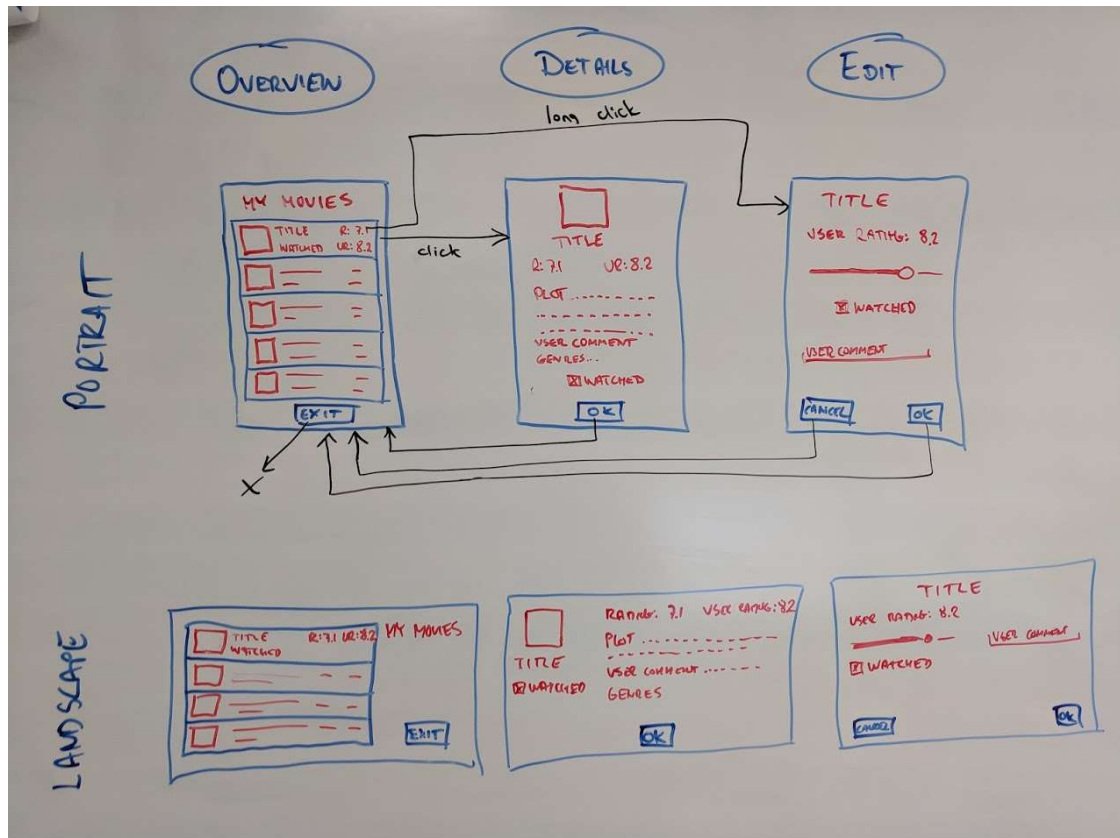
 and shown below

Title	Plot	Genres	Rating
Avengers: Infinity War	The Avengers and their allies must be willing to sacrifice all in an attempt to defeat the powerful Thanos before his blitz of devastation and ruin puts an end to the universe.	Action, Adventure, Fantasy, Sci-Fi	8.5
Bohemian Rhapsody	The story of the legendary rock band Queen and lead singer Freddie Mercury, leading up to their famous performance at Live Aid (1985).	Biography, Drama, Music	8.3
A Star Is Born	A musician helps a young singer find fame, even as age and alcoholism send his own career into a downward spiral.	Drama, Music, Romance	7.9
Deadpool 2	Foul-mouthed mutant mercenary Wade Wilson (AKA. Deadpool), brings together a team of fellow mutant rogues to protect a young boy with supernatural abilities from the brutal, time-traveling cyborg, Cable.	Action, Adventure, Comedy, Sci-Fi	7.8
Incredibles 2	The Incredibles hero family takes on a new mission, which involves a change in family roles: Bob Parr (Mr Incredible) must manage the house while his wife Helen (Elastigirl) goes out to save the world.	Animation, Action, Adventure, Comedy, Family, Sci-Fi	7.8
Mission: Impossible - Fallout	Ethan Hunt and his IMF team, along with some familiar allies, race against time after a mission gone wrong.	Action, Adventure, Thriller	7.8
Creed II	Under the tutelage of Rocky Balboa, heavyweight contender Adonis Creed faces off against Viktor Drago, son of Ivan Drago.	Drama, Sport	7.5
Ready Player One	When the creator of a virtual reality world called the OASIS dies, he releases a video in which he challenges all OASIS users to find his Easter Egg, which will give the finder his fortune.	Action, Adventure, Sci-Fi	7.5
First Man	A look at the life of the astronaut, Neil Armstrong, and the legendary space mission that led him to become the first man to walk on the Moon on July 20, 1969.	Biography, Drama, History	7.5
Black Panther	T'Challa, heir to the hidden but advanced kingdom of Wakanda, must step forward to lead his people into a new future and must confront a challenger from his country's past.	Action, Adventure, Sci-Fi	7.4
Aquaman	Arthur Curry, the human-born heir to the underwater kingdom of Atlantis, goes on a quest to prevent a war between the worlds of ocean and land.	Action, Adventure, Fantasy, Sci-Fi	7.4

NB: You will get extend this app later in assignment 2 to include live data from a movie database API and to dynamically add and remove items from the list.

In assignment 1 you will be creating a small app consisting of just a few activities, but the important thing is to build it correctly and handle Android related issues such as rotation, lifecycle, different languages and layout formats.

The sketch diagram below outlines the core functionality, flow and layout. It shows both the portrait and landscape versions of the user interface, which you will have to implement:

Assignment details:

You need to create three activities

     1. "*OverviewActivity*": This activity should show a list of movies with **a few** details about each
        a. Title of the movie
        b. A picture or icon indicating the primary genre of the movie
        c. The current rating of the movie by the user (if any)
        d. The current rating of the movie on IMDB
        e. Whether it has been watched or not
     2. "*DetailsActivity*": An activty for showing **all** relevant details for the chosen movie

        a. Title of the movie
        b. Description/plot of the movie
        c. A picture or icon indicating the primary genre of the movie
        d. Text showing all the genres the movie covers
        e. The current rating of the movie by the user (if any)
        f. The current rating of the movie on IMDB
        g. Whether it has been watched or not
        h. User's comment (if any)
        i.

3. "*EditActivity*": Acitivity for editing user data for each movie. This entails options for changing:

    1. The user's personal rating of the movie (Seekbar)
    2. Whether it has been watched (CheckBox)
    3. A personal note (EditText)

Besides these three Activities, there are general aspects which you need to handle:

- You need to send data between these Activities so that they are always synched, e.g. OverviewActivity and DetailsActivity should always be correct after information has been edited in EditActivity.
- Also the values in EditActivity should be pre-populated with the current values.
- The user should be able to choose "Cancel" or "Save" to the edits made in EditActivity and then return to OverviewActivity.
- You must use resource externalization throughout the app (all Strings, Colors, Layouts, etc).

- You app should support at least two languages for all labels, buttons, etc.. English must be one of them.
- You will need to handle both portrait and landscape modes and optimize the layout of information in accordance with the sketch above.
- You need to make sure that the user does not loose any data in all activities. You are not allowed to lock orientation in the Manifest.
- You should re-style the app with your own unique Material Design colors, and in general try to give it your own look in the various layouts.
- You app must have a custom icon (remember to create for both round and normal icon phones).

Assignment 1a: Code review / peer feedback

NB: Complete all 5 steps!

1) Find your assigned apps in the list below - you should review the two students below your own name in the list (consider the list cyclic, if you are at the end, revert back to the top):

ITSMAP spring 2019 assignment 1 peer review list.pdf

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2) once you have found your two assigned persons - find and download the assignments in the links below (Assignment 1 links) (pro tip: search for AU id)

3) Do a proper code review and write down peer feedback for both of your assigned apps according to the criteria posted:

- **It is very important that you are truthful, precise and constructive in your assessment and feedback no matter the level**
- **This is part of assignment 1 and must be passed as well - failing to give proper reviews can lead to failing assignment 1**
- **You must check for all requirements of the assignment**
- **You must fill this out twice, once for each assigned person**
- **Giving false or insufficient information in your peer review will result in a fail**

ITSMAP assignment1 peer review criteria.pdf

4) Submit using this Google form (enter once for each app) :

https://goo.gl/forms/uySqD1B37kxs62QG3

5) Hand in an empty assignment 1a on blackboard (optional put in picture your favorite meme) when you have submitted BOTH forms to indicate you have completed the peer review. This assignment is not complete until this step is complete.

Assignments for peer-review : Movies

Assignment 1_au541800_attempt_2019-03-12-14-50-49_EmmaRolsted_au541800_ITSMAP19_spring_Assignment1.zip

Assignment 1_au557919_attempt_2019-03-08-00-02-37_KasperJuulHermansen_au557919_Assignment1.zip
Assignment 1_au558782_attempt_2019-03-12-22-47-22_AndersJensen_au558782_ITSMAP19_spring_Assignment1.zip Assignment 1_au569051_attempt_2019-03-10-

16-04-49_RikkeHenriksen_au569051_ITSMAP19_spring_assignment1.zip Assignment
1_au568762_attempt_2019-03-08-11-45-04_ArmineSanjarizadeh_au568762_ITSMAP19_spring_Assignment1.zip
Assignment 1_au509802_attempt_2019-03-10-18-02-
49_KristianStoustrupPetersen_au509802_ITSMAP19_spring_Assignment1.zip Assignment
1_au568986_attempt_2019-03-11-10-32-48_DanielDüringKnudsen_au568986_Spring_Assignment1.zip
Assignment 1_au479361_attempt_2019-03-08-14-18-
57_LarsHolm_au479361_ITSMAP19_spring_Assignment1.zip Assignment 1_au568238_attempt_2019-03-11-22-
27-05_MaikenGuldberg_au568238_ITSMAP19_spring_Assignment1.zip Assignment 1_au568435_attempt_2019-
03-12-14-35-31_SorenBech_au568435_ITSMAP19_spring_Assignment1.zip Assignment
1_au565118_attempt_2019-03-10-20-24-45_MartinAndersen_au565118_ITSMAP19_spring_Assignment1.zip
Assignment 1_au553095_attempt_2019-03-07-15-03-
51_ChristianeSvendsen_au553095_ITSMAP19_spring_Assignment1.zip Assignment 1_au564911_attempt_2019-
03-12-12-37-24_SimonFabriciusNielsen_au564911_ITSMAP19_spring_Assignment1.zip Assignment
1_au551828_attempt_2019-03-12-23-41-36_RuneBjørnLassen_au551828_ITSMAP19_spring_Assignment1.zip
Assignment 1_au554356_attempt_2019-03-09-15-50-
42_AlexanderDavidsen_au554356_ITSMAP19_spring_Assignment1.zip Assignment 1_au565316_attempt_2019-
03-12-11-10-40_JulieSteenshard_au565316_ITSMAP19_spring_Assigment1.zip Assignment
1_au551825_attempt_2019-03-10-22-51-51_StanislavLunderskov_au551825_ITSMAP19_spring_Assignment1.zip
Assignment 1_au556199_attempt_2019-03-12-14-31-24_MichaelMoseholt_au556199_ITSMAP19_Assignment1.zip
Assignment 1_au565242_attempt_2019-03-09-17-06-
32_JonasNielsen_au565242_ITSMAP19_spring_Assignment1.zip Assignment 1_au551714_attempt_2019-03-07-
15-03-03_KristinLieAas_au551714_ITSMAP19_spring_Assignment1.zip Assignment 1_au556327_attempt_2019-
03-10-14-41-17_SimonLassen_au556327_ITSMAP19_spring_Assignment1.zip Assignment
1_au549309_attempt_2019-03-12-20-57-00_KeziaEmiliePedersen_au549309_Assignment1.zip Assignment
1_au556343_attempt_2019-03-07-15-39-49_LineDanielsen_au556343_ITSMAP19_spring_Assignment1.zip
Assignment 1_au565408_attempt_2019-03-09-14-41-
18_ChristianThingKnudsen_au565408_ITSMAP19_spring_Assignment1.zip Assignment
1_au556650_attempt_2019-03-10-18-23-11_SigurdVilstrup_AU556650_ITSMAP19_spring_Assignment1.zip
Assignment 1_au568205_attempt_2019-03-12-08-58-
22_EmmaMilverts_au568205_ITSMAP19_spring_Assignment1.zip Assignment 1_au567765_attempt_2019-03-
11-19-09-42_SoerenMathiasen_au567765_ITSMAP19_spring_Assignment1.zip Assignment
1_au567913_attempt_2019-03-12-13-09-12_FrederikLarsen_au567913_ITSMAP19_spring_Assignment1.7z
Assignment 1_au567214_attempt_2019-03-12-10-18-
52_JakobBondeNielsen_au567214_ITSMAP19_spring_Assignment1.zip Assignment 1_au567226_attempt_2019-
03-10-17-55-17_JakobDybdahlAndersen_au567226_ITSMAP19_spring_Assignment1.zip Assignment
1_au529152_attempt_2019-03-12-23-28-25_MikkelIsaksenJensen_au529152_Assignment1.zip Assignment
1_au520670_attempt_2019-03-12-18-08-51_MaxBarlyJorgensen_au520670_Assignment1.mp4 Assignment
1_au563743_attempt_2019-03-12-18-35-18_MaltheJensen_au563743_ITSMAP19_spring_Assignment1.zip
Assignment 1_au520670_attempt_2019-03-12-18-08-
51_MaxBarlyJorgensen_au520670_ITSMAP19_spring_Assignment1.zip Assignment 1_au554286_attempt_2019-
03-09-17-22-36_EmilHolstPetersen_au554286_ITSMAP19_spring_Assignment1.zip Assignment
1_au564064_attempt_2019-03-12-13-32-47_MadsAntonsen_au564064_ITSMAP19_spring_Assignment1.zip
Assignment 1_au513223_attempt_2019-03-12-23-41-
31_GavinAnthony_au513223_SMAP19_SPRING_Assignment1_newest_.zip Assignment
1_au554156_attempt_2019-03-10-11-47-25_CasperPilgaard_au554156_ITSMAP19_spring_Assignment1.zip
Assignment 1_au564313_attempt_2019-03-06-17-10-
23_LaerkeMadesn_au564313_ITSMAP19_spring_Assignment1.zip Assignment 1_au513665_attempt_2019-03-11-
15-50-19_OscarPradel_au513665_ITSMAP19_spring_Assignment1.zip Assignment 1_au554093_attempt_2019-
03-12-12-50-27_StefanieNielson_au554093_ITSMAP19_spring_Assignment1.zip Assignment
1_au564454_attempt_2019-03-09-21-31-29_StellaJørgensen_au564454_ITSMAP19_spring_Assignment1.zip
Assignment 1_au553932_attempt_2019-03-09-14-04-
27_FatimaKodro_au553932_ITSMAP19_spring_Assignment1.zip Assignment 1_au564866_attempt_2019-03-10-
17-33-48_MikkelHarbo_au564866_ITSMAP19_spring_Assignment1.zip Assignment 1_au553339_attempt_2019-
03-12-09-01-00_AndersRøddik_au553339_ITSMAP19_spring_Assignment1.zip Assignment
1_au566645_attempt_2019-03-12-16-51-51_video-1552399071.mp4 Assignment 1_au566737_attempt_2019-03-
13-11-14-53_ThomasWolffKristensen_au566737_ITSMAP19_spring_Assignment1.zip Assignment
1_au566287_attempt_2019-03-11-19-45-
44_AlexanderRasmussen_au566287_ITSMAP19_spring_Assignment1.zip Assignment
1_au565633_attempt_2019-03-09-12-23-27_DanielPatHansen_au565633_ITSMAP19_spring_Assignment1.zip
Assignment 1_au566645_attempt_2019-03-12-16-51-51_Imdblibrary.zip Assignment 1_au297052_attempt_2019-
03-12-18-47-44_RuneAagaardKeena_au297052_au123456_ITSMAP19_spring_Assignment1.zip Assignment

1_au569432_attempt_2019-03-12-19-23-57_annasophiasørensen_au569432_ITSMAP19_spring_Assinment1.zip Assignment 1_au259814_attempt_2019-03-09-21-00-44_NickolaiLundby_au259814_Assignment1.zip Assignment 1_au253179_attempt_2019-03-10-23-55-06_KhalidEdwan_AU253179_ITSMAP19_spring_Assignment1.zip Assignment 1_au541689_attempt_2019-03-12-20-28-26_SorenKatborg_au541689_ITSMAP19_Assugnment1.zip Assignment 1_au538062_attempt_2019-03-12-12-35-31_NicholasLadefoged_au538062_ITSMAP19_spring_Assignment1.zip Assignment 1_au537065_attempt_2019-03-12-16-39-39_ChristianLukePedsen_au537065_ITSMAP19_Assignment1.zip Assignment 1_au558821_attempt_2019-03-10-21-36-32_TobiasSaabySteffensen_au558821_ITSMAP19_spring_Assignment1.zip Assignment 1_au536165_attempt_2019-03-12-18-50-57_MikeBirch_au536165_ITSMAP19_spring_Assignment1.zip Assignment 1_au559497_attempt_2019-03-12-01-48-32_StanieCheung_au559497_ITSMAP19_spring_Assignment1.zip Assignment 1_au534498_attempt_2019-03-11-23-19-59_MargaritHolm_au534498_ITSMAP19_spring_Assignment1.rar Assignment 1_au561376_attempt_2019-03-10-22-38-49_SusanneOlsen_au561376_ITSMAP19_spring_Assignment1.zip Assignment 1_au563335_attempt_2019-03-10-23-03-46_JakobHansen_au563335_ITSMAP19_spring_Assignment1.zip Assignment 1_au563738_attempt_2019-03-06-16-46-12_FrederikKastrupMortensen_au563738_ITSMAP19_spring_Assignment1.zip Assignment 1_au570170_attempt_2019-03-11-16-29-17_ChristianMørup_au570170_ITSMAP19_spring_Assignment1.zip Assignment 1_au222852_attempt_2019-03-10-12-02-33_AntonBrixToroe_au222852_ITSMAP19_spring_Assignment1.zip Assignment 1_au208406_attempt_2019-03-10-22-44-20_MikkelEspersen_au208406_ITSMAP19_spring_Assignment1.zip Assignment 1_au569945_attempt_2019-03-10-19-41-45_DanielNoerbygaard_au569945_ITSMAP1_spring_Assignment1.zip Assignment 1_au570060_attempt_2019-03-10-09-46-33_CasperJanerkaIngeberg_au570060_ITSMAP19_Assignment1.zip Assignment 1_au513223_attempt_2019-03-12-23-41-31_GavinAnthony_au513223_SMAP19_SPRING_Assignment1_newest_.mp4 Assignment 1_au513223_attempt_2019-03-12-23-41-31_GavinAnthony_au513223_SMAP19_SPRING_Assignment1_newest_.jks Assignment 1_au510403_attempt_2019-03-13-08-49-06_LisbethWittendorffLorentzen_au510403_ITSMAP19_spring_Assignment1.zip Assignment 1_au547352_attempt_2019-03-11-03-39-46_AndreasBlaabjerg_au547352_ITSMAP19_spring_Assignment1.zip Assignment 1_au545682_attempt_2019-03-10-14-49-38_VictorFard_au545682_ITSMAP19_spring_Assignment1.zip Assignment 1_au556902_attempt_2019-03-10-18-23-09_LarsLippertOvesen_au556902_ITSMAP19_spring_Assignment1.zip Assignment 1_au544051_attempt_2019-03-12-12-26-39_KristofferVilladsen_au544051_ITSMAP19_spring_Assignment1.zip Assignment 1_au557269_attempt_2019-03-09-14-51-45_BenjaminMikkelsen_Au57269_ITSMAP19_Spring_Assignment1.zip Assignment 1_au543939_attempt_2019-03-12-09-55-59_SameerAhmadHabibi_au543939_ITSMAP19_spring_Assignment1.zip Assignment 1_au557619_attempt_2019-03-11-19-35-14_MadsSejrJensen_au557619_ITSMAP19_spring_Assignment1.zip

Assignment 1/1a: Peer feedback / code reviews

You can find you code reviews in this file:

 Peer feedback__code review__Assignment 1 ITSMAP spring 2019__svar__- Formularsvar 1.pdf

This is an excellent opportunity to fix bugs and get everything working. Please **take you peer review into account**, and also **check your own solution again** regardless of the reviews. This will be the foundation of your assignment 2.

If you have not yet handed in your empty (or optional meme) assignment in 1a, you must do so ASAP - else we have no way of seeing who is missing their reviews and you might fail.

NB: There may be more than two reviews (or fewer) for your app (some people have uploaded updated reviews) so search for your name / AUid to find all and check if there is an updated entry.

Assignment 1

Remember to check all requirements and that your files are zipped and named correctly

Assignment 1a - Peer reviews

Hand in empty here once you have completed both your proper peer reviews using the Google Forms link

Bonus: add a great meme! :)