Sprint Planning Document
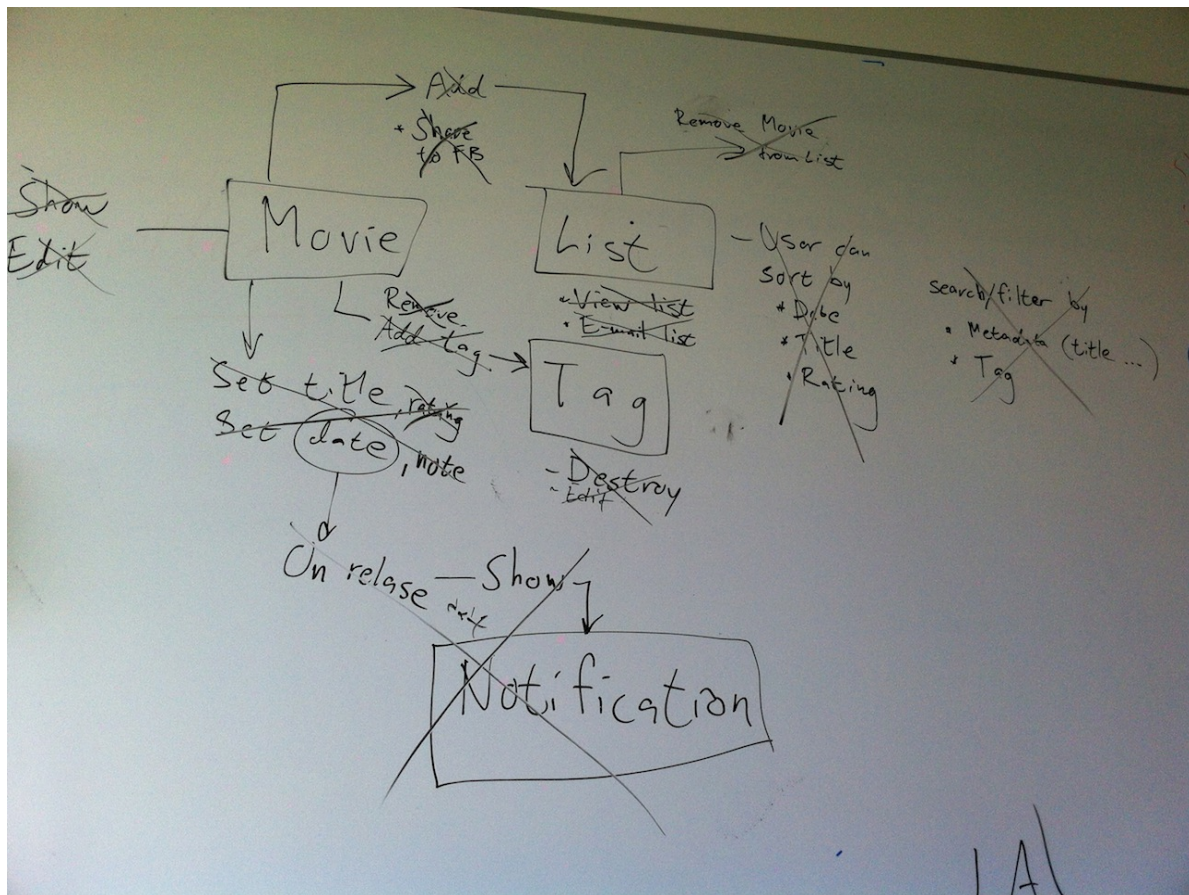
Latest revision: 2012-09-30

Product backlog

User story	Business value (1-4)	Development effort (1-4)
User can set date on a Movie	2	3
User can set rating on a Movie	3	1
User can add a Tag to a Movie	3	3
If User selects a movie from an IMDb suggestion, import relevant fields to the created Movie	4	4
User can edit a Movie's date	2	2
User can edit a Movie's note	1	1
User can edit a Movie's rating	3	1
User can remove a Tag from a Movie	1	2
User can see a list of Tags	1	3
User can remove Tag from App	1	3
User can search for a Movie in the List	2	4
User can sort List of Movies	4	3
When selecting a Tag from the tag list, the User should see all Movies with that Tag	4	3
User can e-mail List	2	4
User can share added Movie on Facebook	3	4

Initial planning on whiteboard

~~Sprint #1 (Second hand-in, release 24 September)~~ Finished

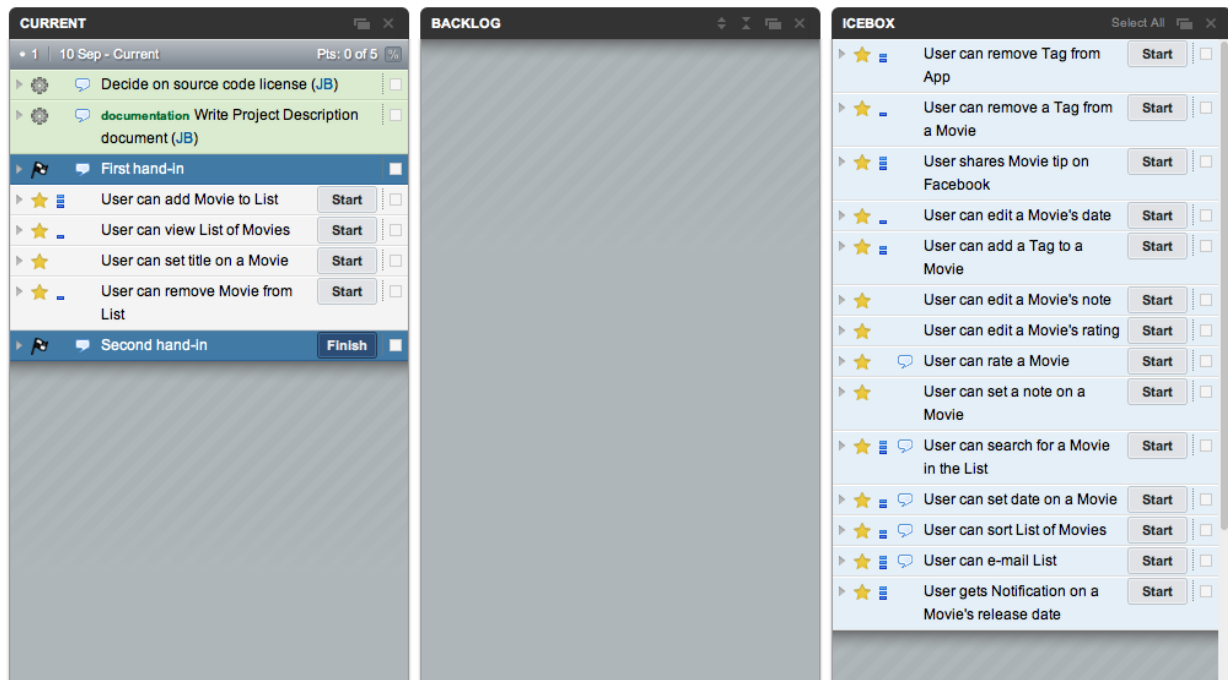| User story	Business value (1-4)	Development effort (1-4)
User can add Movie to List	1	4
User can view List of Movies	1	2
User can set title on a Movie	1	1
User can remove Movie from List	1	2
User can add Movie to database	4	3
User can remove Movie from database	2	3
User can see list of Movies from database	4	3

What to do

Familiarise ourselves with the Android development platform and APIs. Create a MVP with basic functionality and GUI: add a movie to a list, view the list and remove the movie from the list. No database connection will be used during this sprint. Also think about the system architecture and foundation, even though it may be revised later.

Get used to the Scrum workflow and how to use Git properly.

How to do it

Read guides and tutorials, and inspect sample projects in the beginning. Just to get an understanding of Android conventions and techniques. Read API documentation for relevant classes and tools. Start to write code to get some of the application's basic functionality up and running.

Read notes from lectures and explanations online to get an effective Scrum and Git process from the start.

Screenshot of agile management tool Pivotaltracker. *The "Icebox" column is the Product Backlog, "Current" is the Sprint Backlog. "Backlog" contains user stories which should be started next sprint.*

~~Sprint #2 (Third hand-in, release 1 October)~~ Finished

User story	Business value (1-4)	Development effort (1-4)
User should see an alert box when deleting a Movie from the list	1	3
User can set a note on a Movie	1	1
User can set date on a Movie	2	3
User can set rating on a Movie	3	1
User gets Notification on a Movie's release date	3	4
User can see a dropdown autocomplete box while adding a movie title	4	4

What do to
Go forward and build the overall UI flow. Add more details to the 'Add Movie' view, such as note, date and rating. Work with the domain model and database, as well as other API components such as Notifications.

How to do it
Study guides, tutorials and the API about the different subjects. We collect interesting links in a collaborative "Resources" document.

Current state of agile project management tool.

Sprint #3 (Fourth hand-in, release 8 October)

User Story	Business Value (1-4)	Development effort (1-4)
If User selects a movie from an IMDb suggestion, import relevant fields to the created Movie	4	4
User can switch between two tabs with Movies and Tags	4	4
User can view details about a single movie	4	3
User can add a Tag to a Movie	3	3
User can edit a Movie's date	2	2
User can edit a Movie's note	1	1
User can edit a Movie's rating	3	1
User can remove a Tag from a Movie	1	2
User can see a list of Tags	1	3
When selecting a Tag from the tag list, the User should see all Movies with that Tag	4	3
User can remove Tag from App	1	3

What do to
Start getting metadata from IMDb, and figure out which user interaction should fetch it (auto-complete, a button, etc). Work with the edit views and some tag interactions. Implement Content Provider for database handling.

Sprint #4 (Fifth hand-in, release 15 October)

User can search for a Movie in the List	2	4
User can sort List of Movies	4	3
User can e-mail List	2	4
User can share added Movie on Facebook	3	4

What do to
Expand with "extra features" that adds to the app's value such as movie-search and export list to e-mail and Facebook.

Icebox

Stories that haven't been added to the Backlog yet, i.e. they are not prioritized or "on the map" yet.

A user can filter a List of Tags
A user can sort a List of Tags
When adding a date to a Movie, User should be able to fetch that Movie's release date from IMDb
User should be able to go to the IMDB-site for a Movie from that Movie's view
User should be able to watch a Movie's trailer
When closing in on release date that information changes to number of days left
Movies in list changes color depending on release date