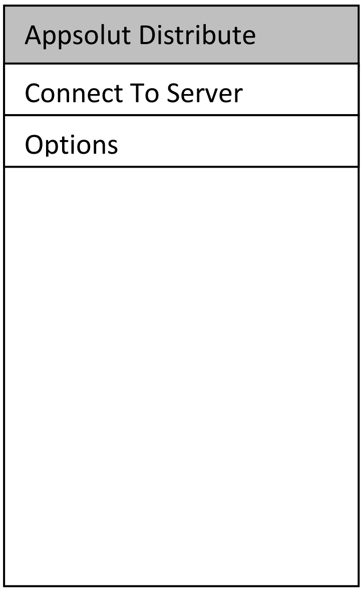
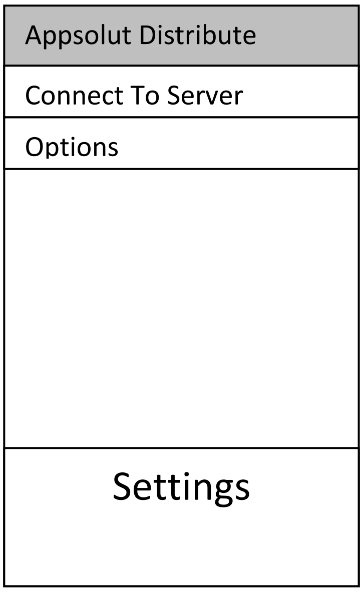
Old GUI suggestion with some updated notes for the developers:

These are sketches to roughly describe the wanted layout for the GUI and how the users will navigate in the application. These sketches only show the options available in the star screen, what happens when you select the different options and how it will look like when the user has logged in.
Note: I think that the settings should be set by using the menu button on android. That way it can be accessed when needed. Settings will at most in our application give a ~~fragment~~ (**view**)to set background picture and (if there is any time) set color theme.

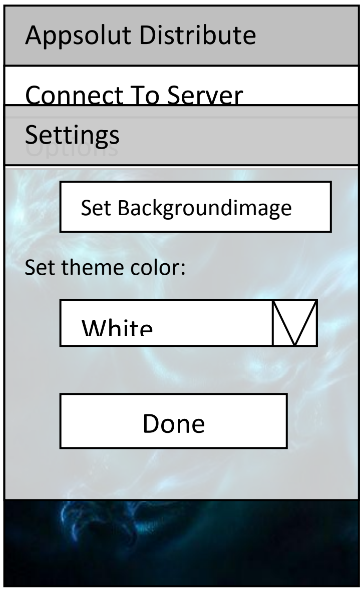
Start screen



Pressed the menu button



Pressed "Settings"

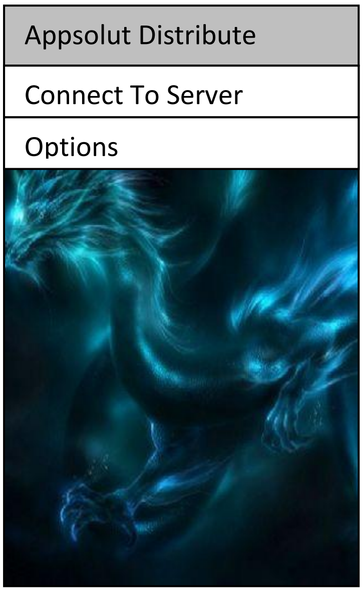


When "Settings" was pressed a fragment appeared, in this fragment the user will be able to change the looks of the environment.

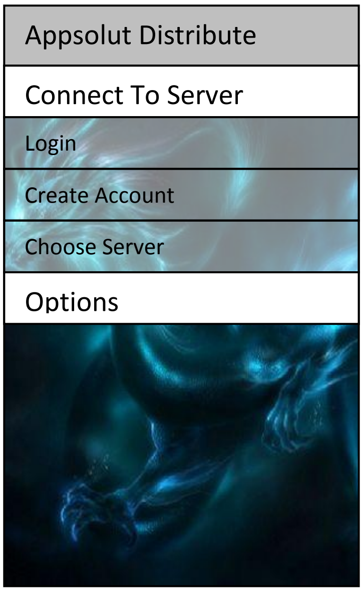
Note:
I made the ~~fragment~~ (**View**) background transparent to show where the ~~fragment~~ (**View**) is. I only do this the first time. Though I have the thought of making it completely transparent and only see the choices, but could be too confusing.
I changed the Background image.
The ~~fragment~~ (**View**) in itself might be reusable.
I use a "Spinner "(a class in java that I'm going to try out) in the fragment.
In the Fragment (and maybe in the Activity) I may need to set in the xml-file android:isScrollContainer="true". This could make the Activity or ~~Fragment~~ (**View**) scrollable.
~~I should also research to save state when back is pressed during some situations~~ (such as going back from the start screen), doesn't appear to be a problem if home is pressed.
FIXED I DON'T CARE IF THE EXPANDABLE LIST IS COLLAPSED WHEN GOING BACK TO A MENU WHERE YOU HAVE ALREDY EXPANDED THE LIST.
The ~~Fragment~~ (**View**) should ~~have~~ **be** a scrollable View to put the content in and a "Done" button.

When the user is finished with the changes and pressed done the user will get back to the ~~screen~~ "main screen", se next page. My suggestion here is to make the "children" in the expandable list transparent. **Accomplished by changing the Transparent TT in #TTRRGGBB.**

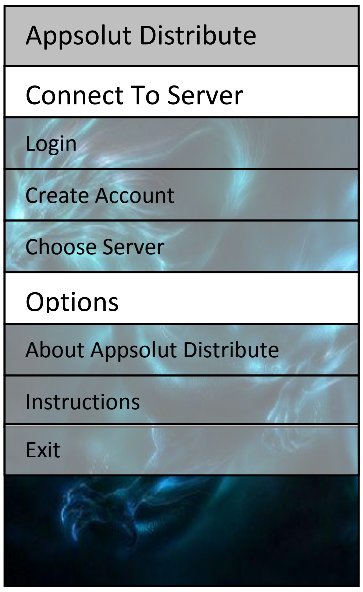
Back to start screen



Pressed “Connect To Server”

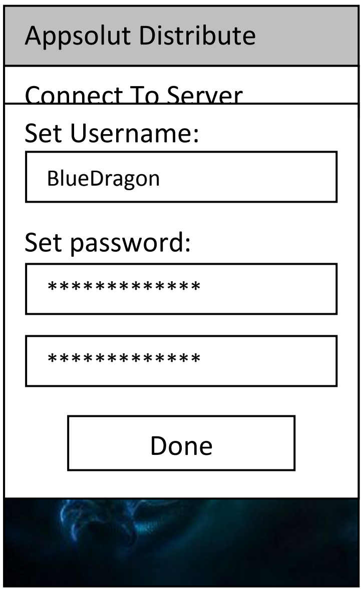


Pressed “Options”



The server has a default value for now and cannot be chosen, Note: changed to “Select Server”.

Pressed “Create Account”



Set Username:

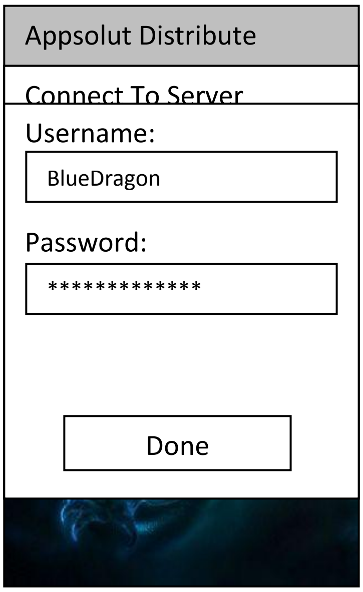
BlueDragon

Set password:

****

****

Pressed “Login”



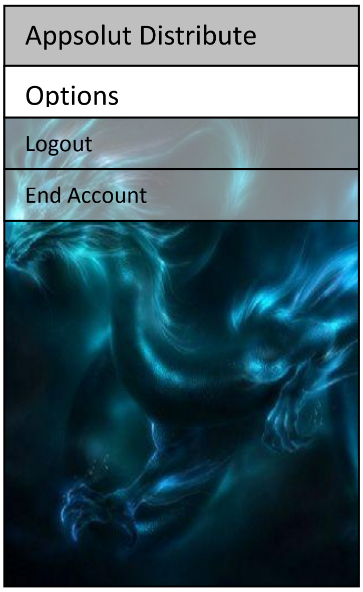
Username:

BlueDragon

Password:

****

Account view, not yet decided

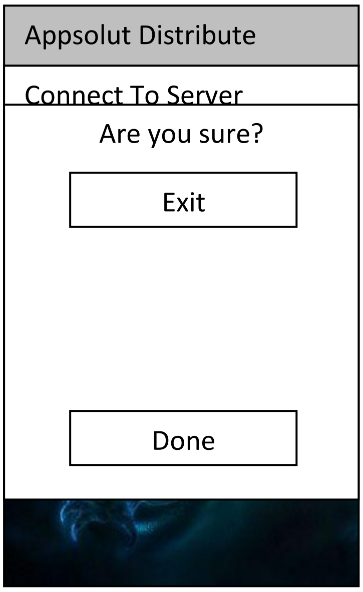


~~When an account is created should we have a server password (optional)?~~
Google authentication, everyone with a Google account can create an account (set a limit on number of user and send an error message, Note: an error ServiceID?).

Note:
~~Might make some sort of frame around the content of the Fragment (not the done button).~~

Use views with layout in xml, an adapter (uses the layout and the component to fix a view) and models for the view to be shown.

Pressed “Exit”



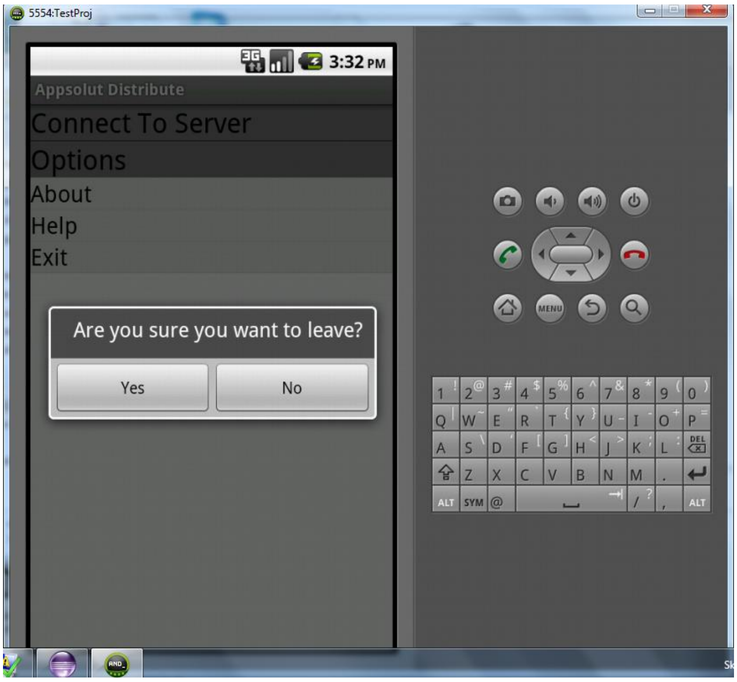
Other notes:

We should test our application on a tablet.

Should the application be online in the background, e.g. Skype? If so check how to get an icon in the “ongoing” field. **Also send notices in that field, like when getting an SMS**.

Update GUI looks:

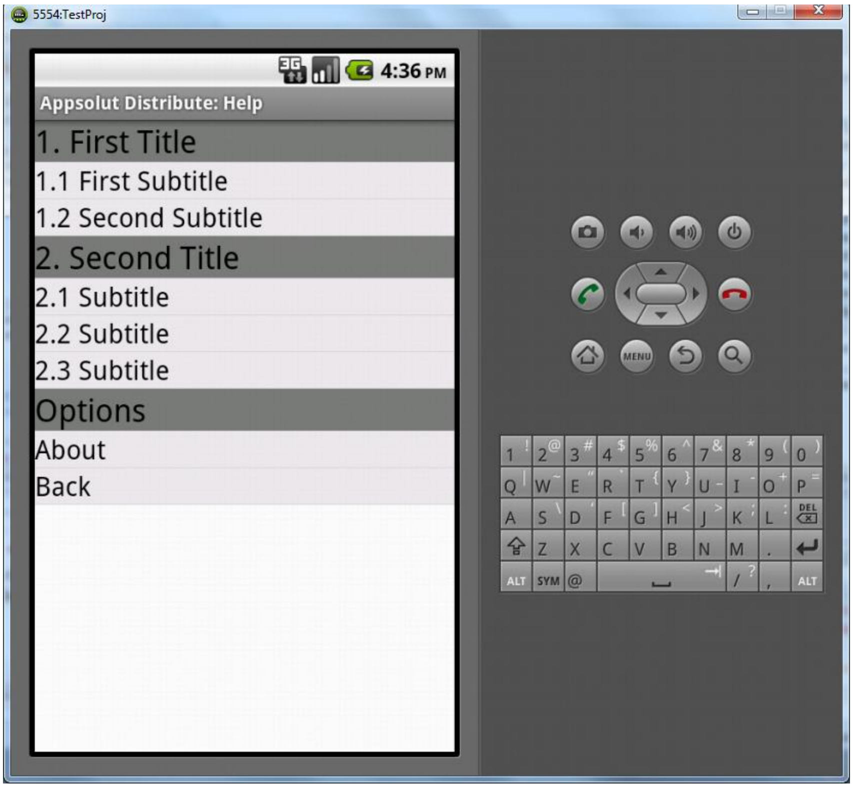
New look on “exit” from the application uses AlertDialog, will look like this for now:



Are you sure you want to leave?

“About Appsolut Distribute” will only be called “About” and “Instruction” is called “Help”. This can be changed later.

A new expandable list menu called “help” will be added which contains the user manual, looking something like this:


5554:TestProj

4:36 PM

Appsolut Distribute: Help

1. First Title

1.1 First Subtitle

1.2 Second Subtitle

2. Second Title

2.1 Subtitle

2.2 Subtitle

2.3 Subtitle

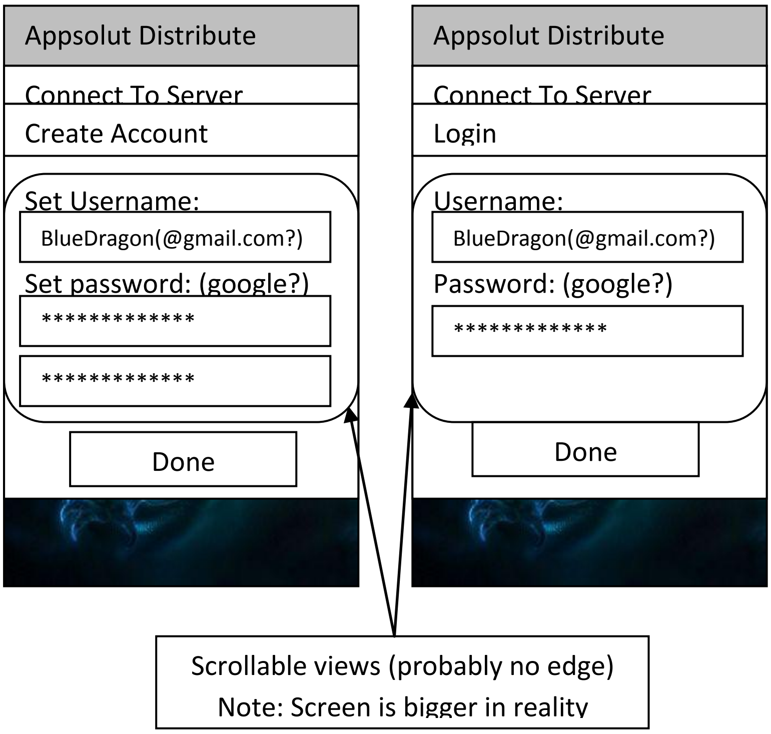
Options

About

Back

Note:
The Back button on the android Smartphone is working now.
I have figured out how to change the title depending which menu the user is in.

The old GUI suggestion will almost do, there is one change I would like to do (add a subtitle):


Appsolut Distribute

Connect To Server

Create Account

Set Username:

BlueDragon(@gmail.com?)

Set password: (google?)

****

****

Done

Appsolut Distribute

Connect To Server

Login

Username:

BlueDragon(@gmail.com?)

Password: (google?)

****

Done

Scrollable views (probably no edge)
Note: Screen is bigger in reality

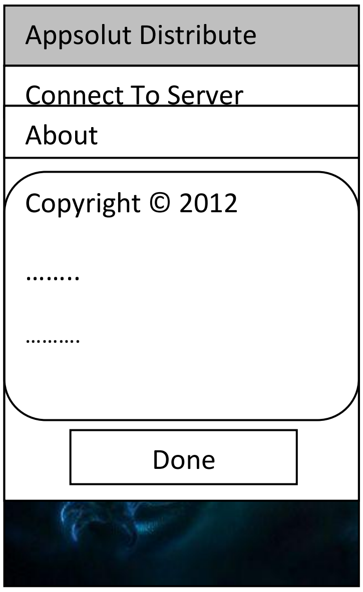
Not sure if password is necessary when using Google authentication

Might be necessary if a friend wants to login

New GUI looks suggestion:

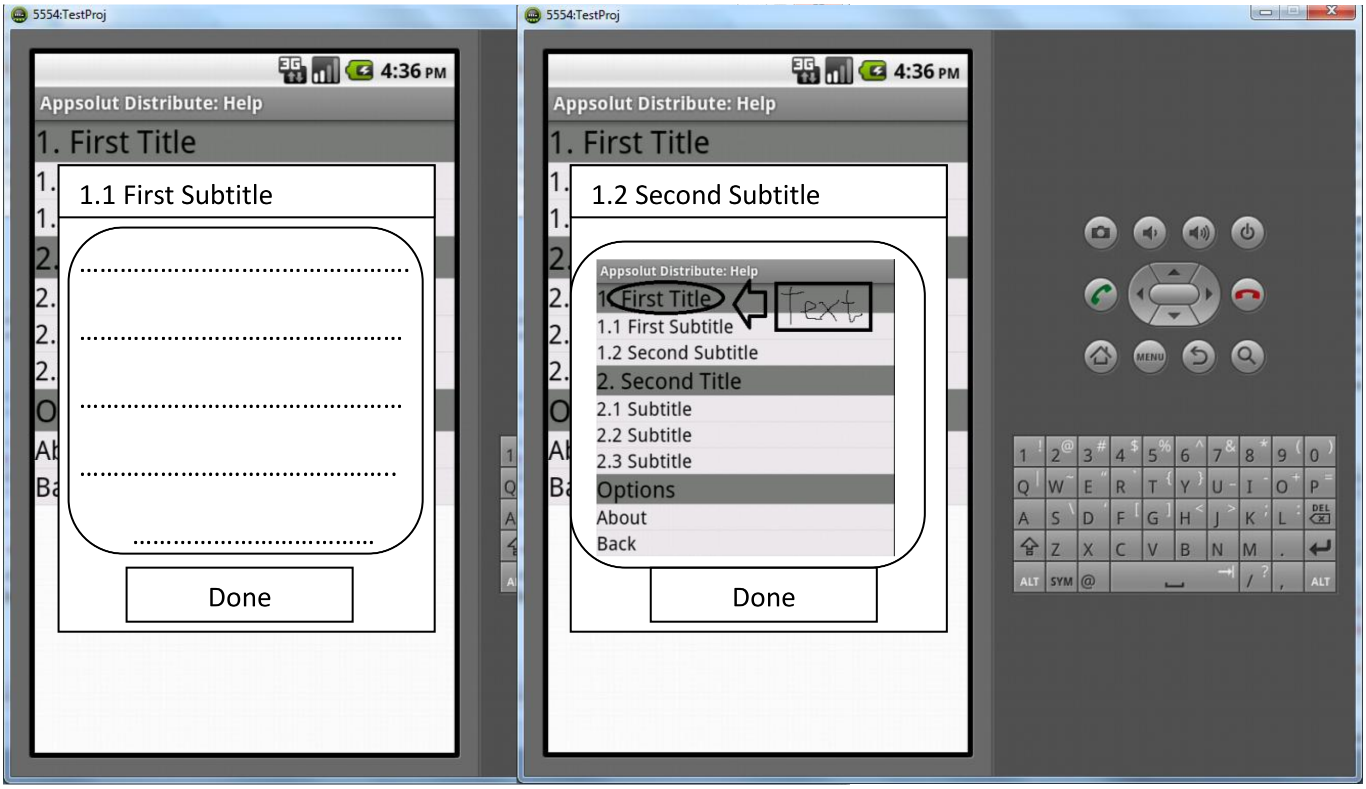
The (scrollable) about view should contain at least the following information:

- Copyright © (2012) and license
- FAQ or link to FAQ?
- Features
- Maker/producer…
- Information of purpose of the application
- Maybe Web address and/or contact information
- Info on latest update
- Disclaimer
- Version History



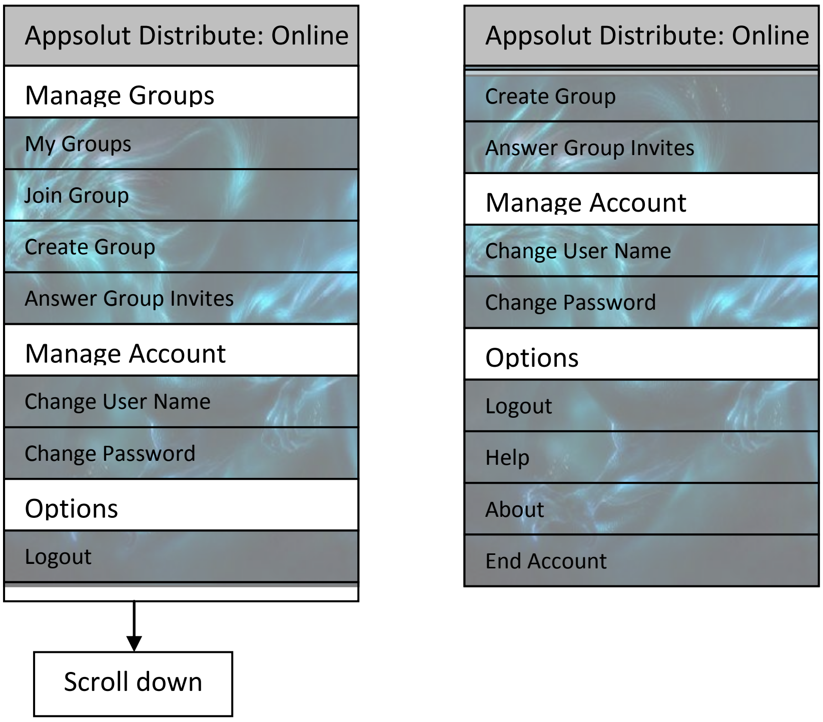
Note: Inspired by RealCalc!

When an item is clicked on in the help menu by the user, a view with text information will appear or a describing images like this:



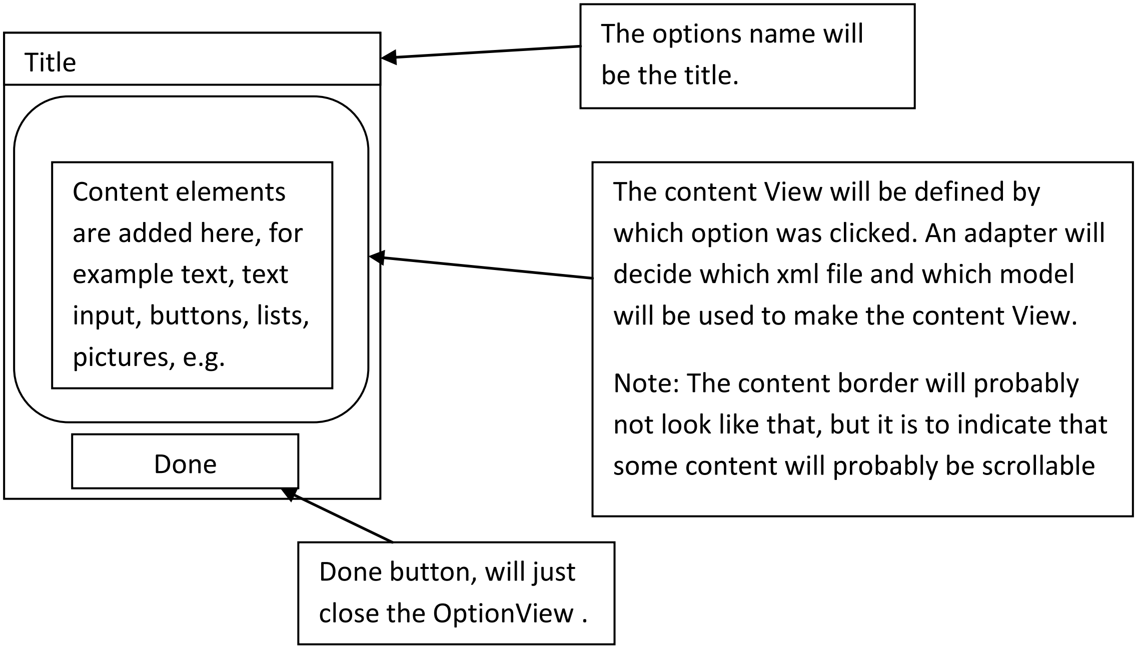
GUI when online:

The first view when the user has logged in is an Expandable list menu:



Each of the choices will have a View that is similar to each other, except the help option which will lead to a similar help menu that is shown above (can divide the user manual so that the user can get relevant information faster). The standard view for options will look like this:

OptionView:


Title
Content elements are added here, for example text, text input, buttons, lists, pictures, e.g.
Done

The options name will be the title.

The content View will be defined by which option was clicked. An adapter will decide which xml file and which model will be used to make the content View.

Note: The content border will probably not look like that, but it is to indicate that some content will probably be scrollable

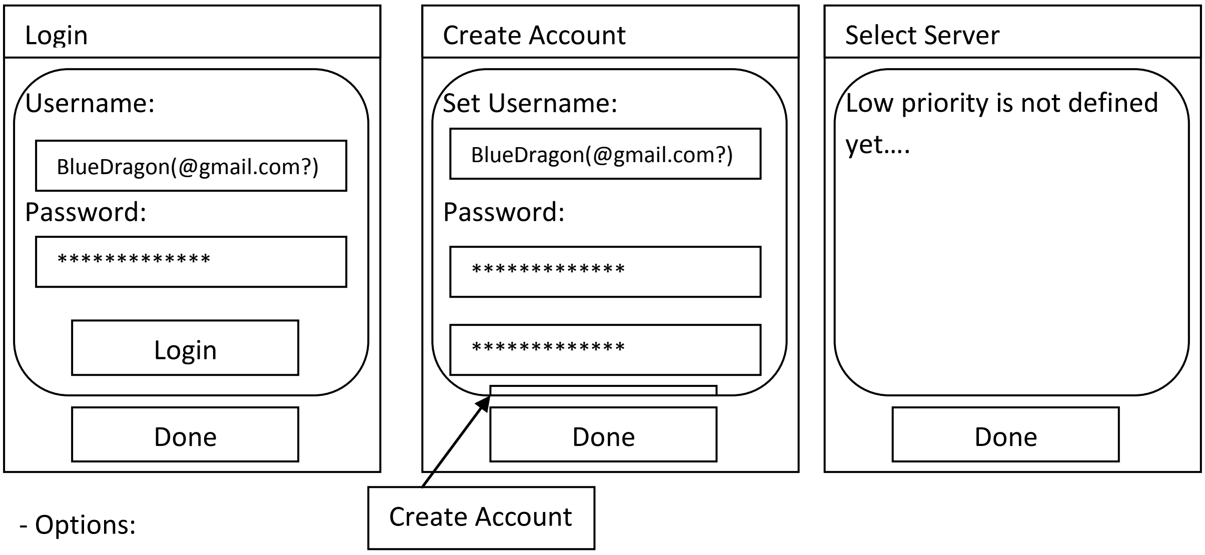
Done button, will just close the OptionView .

The OptionView will also be defined by an adapter and have a model of its content. This view will together with the ExpandableListView will make the GUI base structure for our application.

Definitions of OptionViews in the different kinds of expandable list menus:

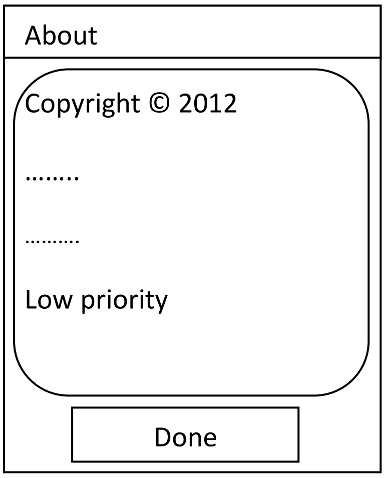
Start:

- Connect To Server:



Low priority is not defined yet….

- Options:

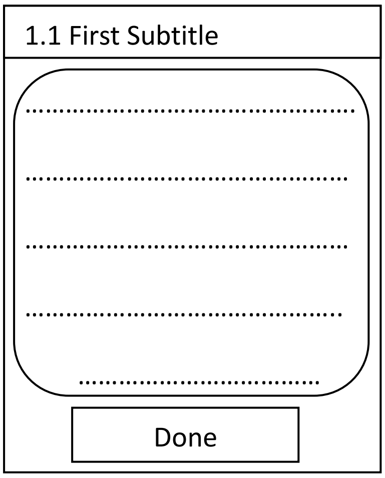


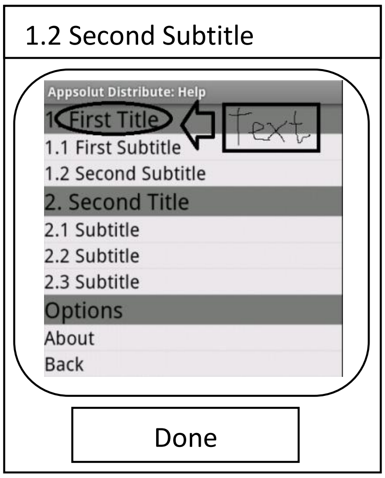
Note: Error messages are sent if not correct or valid information is provided by the user.

We can see Two kinds of "ContentViews" that will be needed InputViews and InfoViews.

Help:

In help there will be InfoViews which will illustrate what an InfoView must be able to handle.

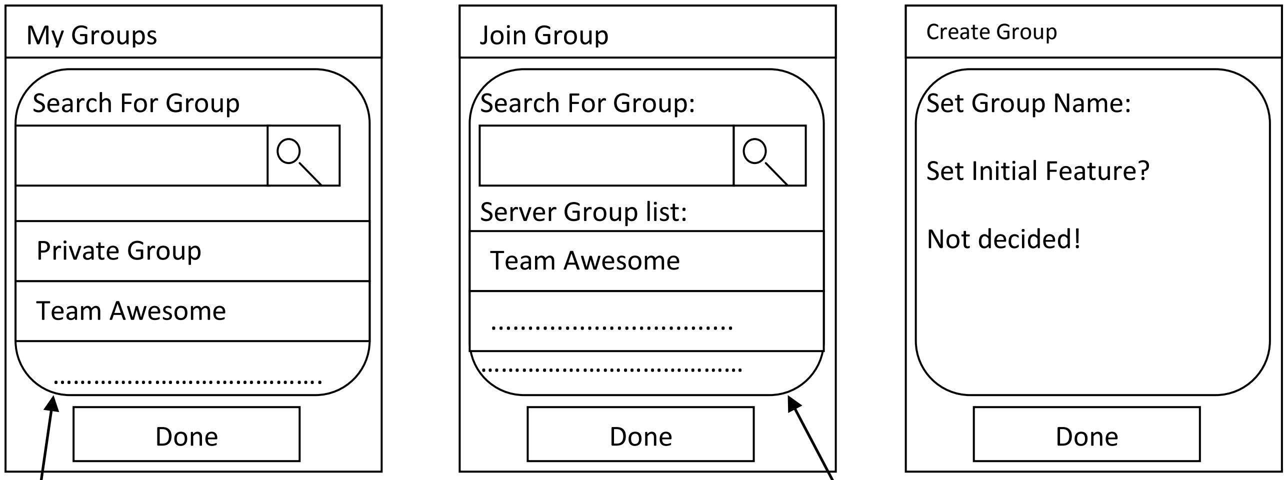




Note: it might be easier to make a more general solution where one InfoView can hold both text and pictures.

Online:

Manage Groups:

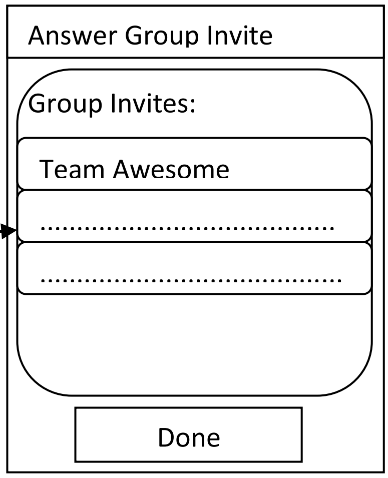


A scrollable local list, contain groups that the user have joined. The list order can be decided later. When an update is performed in a group, change color of the group.

This is an InputView, because when an item in the list is pressed by the user it will move the user to the “In Group” menu (an expandable list menu).

The first should always be the private group which only has one user, the user. The specifics for this group are in the old GUI suggestion.

Works in a similar way as ”My Groups” except that “activity” updates won’t show, this list is retrieved from the server and when list item is selected it will send a request to join (send to group admin/moderator in their “in group” menu), if an answer is received send a message dialog similar to “on exit”. If yes the group will be added to My Groups.

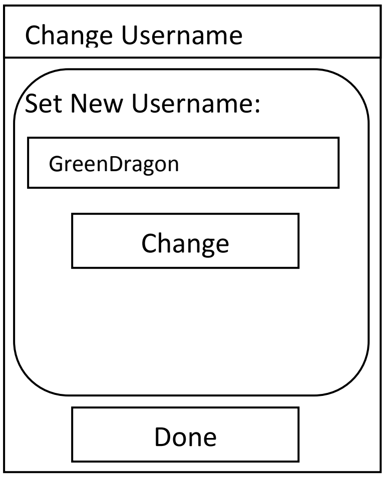


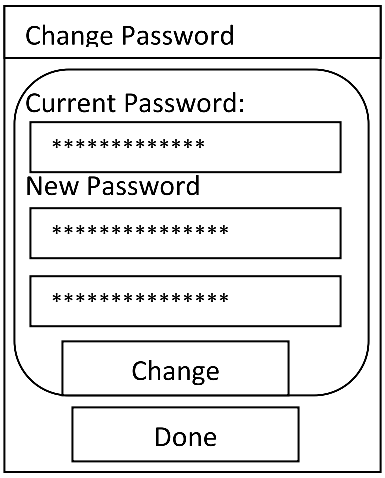
Scrollable local lists with invites, to accept or reject invite select an item from the list and a dialog similar to the exit dialog will appear giving the user two choices.

Accept – add the” group in my group”.

Reject – removes the invite from list.

Manage Account:





Note: Error messages are sent if not correct or valid information is provided by the user.

Options:

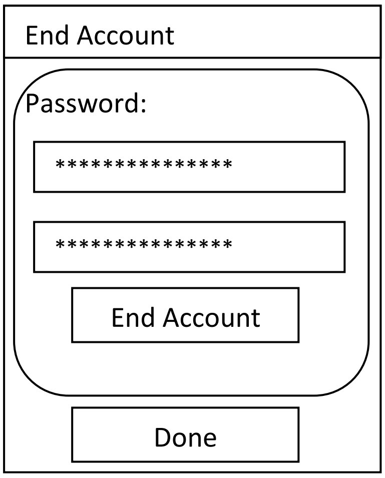
Logout - Are you sure dialog will appear with Yes and No options.

Help – As for the start menu, but probably with different content.

About – Same as in start menu.

End account:

The end account should give warning dialogs, maybe at two points.



Note Error messages are sent if not correct or valid information is provided by the user.

Note: in the next suggestion there will be GUI’s for the “in group” menu.