Contents

[Key features 2](#_Toc335759819)

[UI requirements 3](#_Toc335759820)

[Widget requirements 4](#_Toc335759821)

[Required permissions 4](#_Toc335759822)

[Menu requirements 4](#_Toc335759823)

[Search settings activity 4](#_Toc335759824)

[Menu settings storage requirements. 4](#_Toc335759825)

JustAnotherSearch design .

JustAnotherSearch aka (JAS) it’s an android application which must provide customizable search by android device.

# Key features

* Search on android device
* Way to switch on/off search sources

# UI requirements

1. At the start there must search widget and keyboard opened.
2. Under search widget must be a list of search results. It must be spitted by search categories. E.g. all matches for contacts, then all matches for applications and e.t.c.
3. Search result item can be an category name (it can’t be tapped) or search match result.
4. Search match result/category must contains result/category name at left column and corresponding icon at right column.
5. After click on search results list item, this item must be correctly opened.
6. By menu button there expands standard android menu, in which user can switch on/off search providers.
7. Search results must be displayed when user edit text in search widget.
8. UI must not be freeze while user perform search.

# Widget requirements

* Search widget must be an instance of [**LinearLayout**](http://developer.android.com/reference/android/widget/LinearLayout.html), which must contain [**EditText**](http://developer.android.com/reference/android/widget/EditText.html)and [**Button**](http://developer.android.com/reference/android/widget/Button.html).
* Search results widgets must be a [**GridView**](http://developer.android.com/reference/android/widget/GridView.html), with two columns in first must be a  [TextView](http://developer.android.com/reference/android/widget/TextView.html) and in second an [**ImageView**](http://developer.android.com/reference/android/widget/ImageView.html).

# Required permissions

JAS must have a GLOBAL\_SEARCH permission.

# Menu requirements

Menu must have 1 item with tittle “Search settings”, by click on it there will be shown Search settings Activity.

# Search settings activity

It must be and **[ListView](http://developer.android.com/reference/android/widget/ListView.html)** with all available suggestion providers which are presented in form: at left is icon of provider’s activity, in center a name of provider’s activity, at right is an check box which indicates/changes is this provider should be searched.

# Menu settings storage requirements.

Menu settings must be stored in  **[SharedPreferences](http://developer.android.com/reference/android/content/SharedPreferences.html)** with file name “com.epam.JustAnotherSearch.SettingsFile”.

Which must contain pairs of uri’s of available search source and Boolean values which defines is this source included in search.

By default all available sources must be switched on.