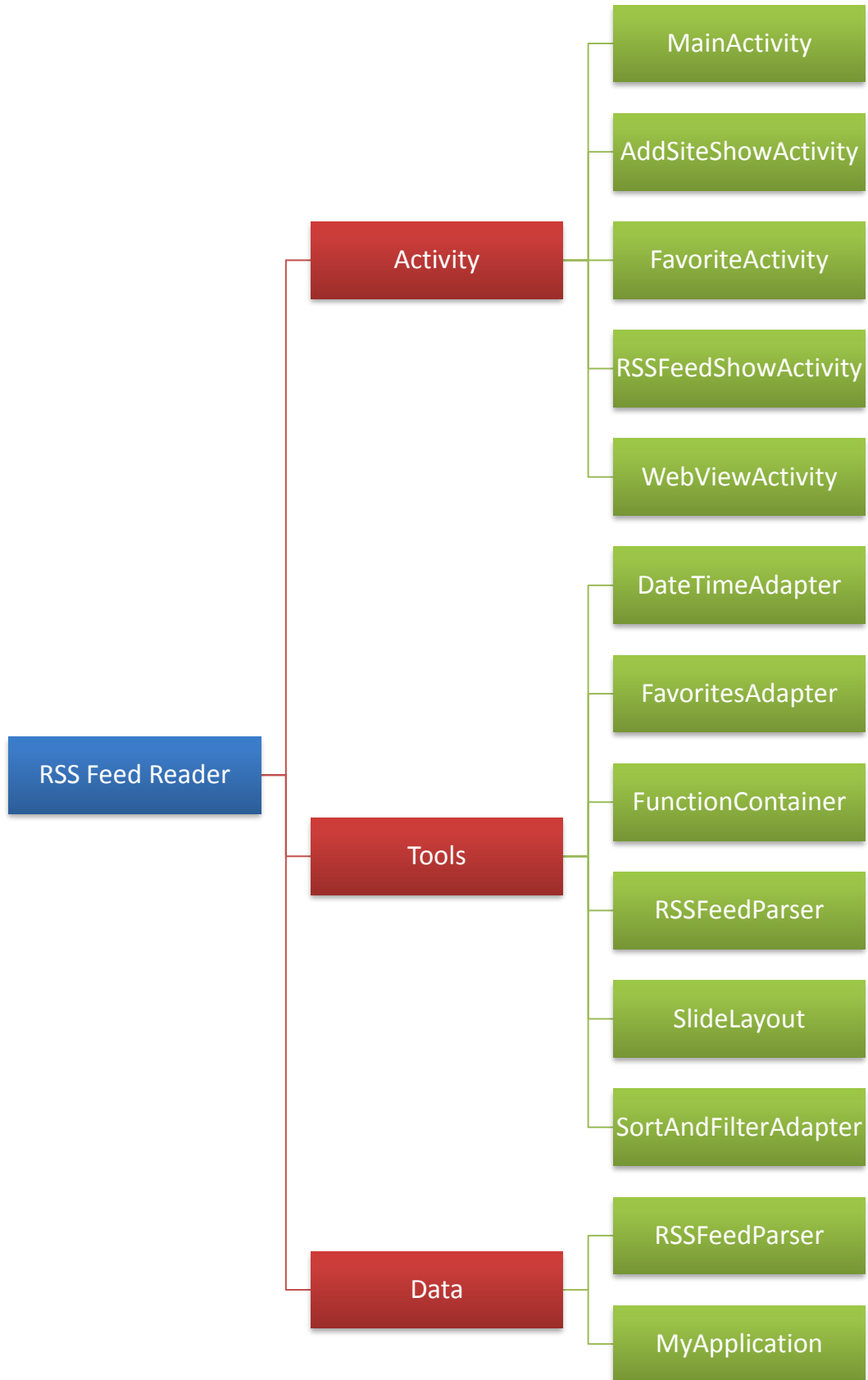
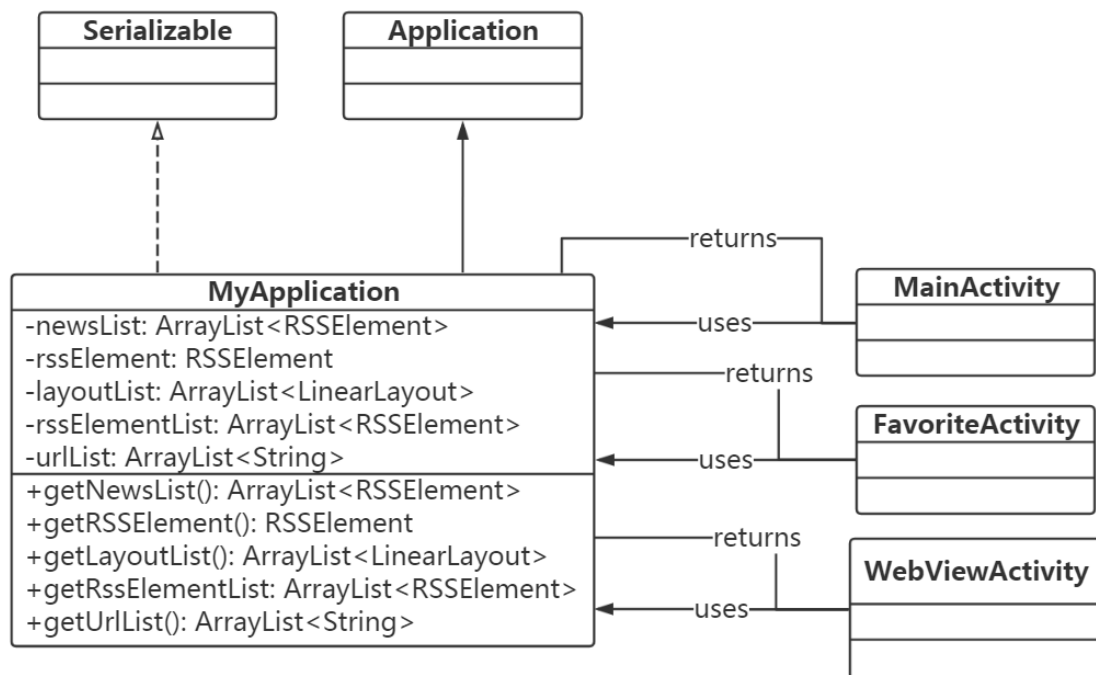


Design summary

Mainly, our project contains three parts, namely activity, tools, data.

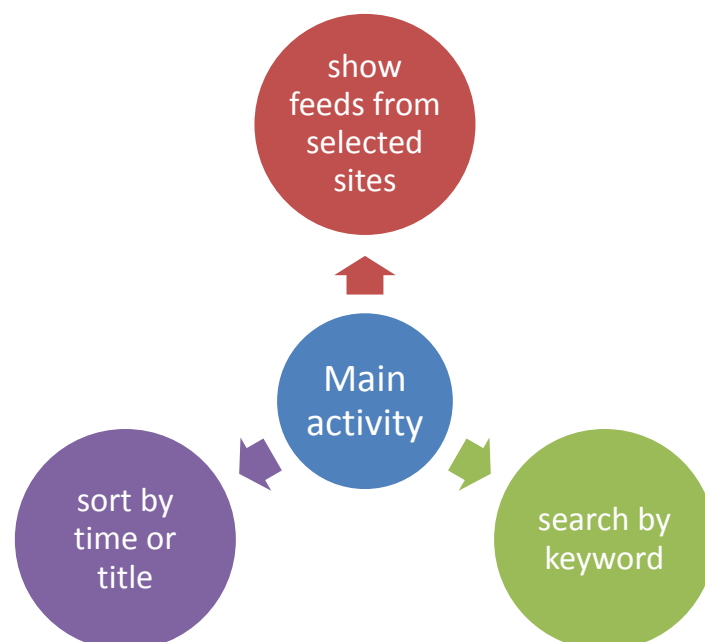


We implemented many design patterns in the project, for example Singleton Pattern.



1. Activity

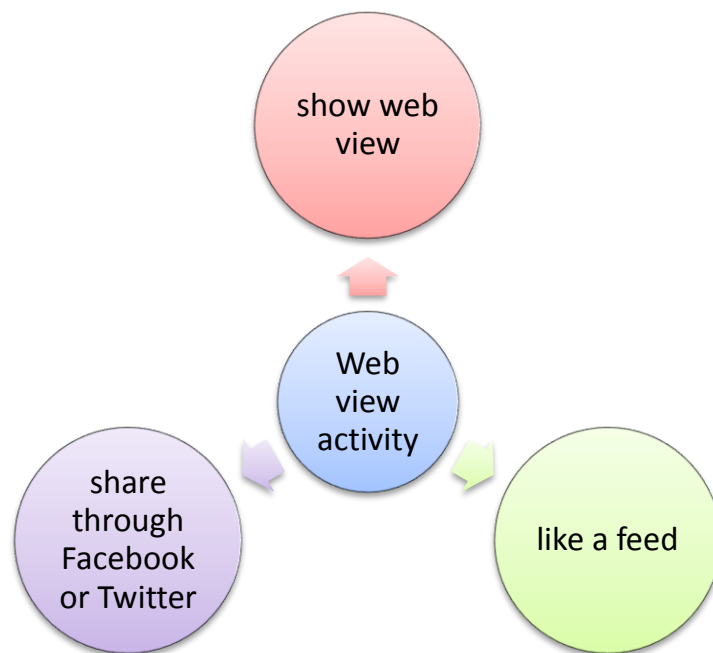
1.1 MainActivity



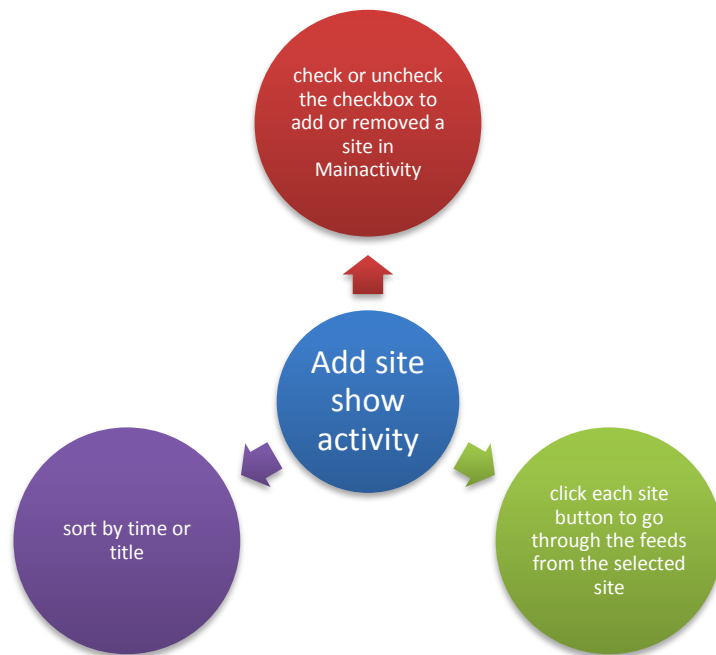
1.2 FavoriteActivity



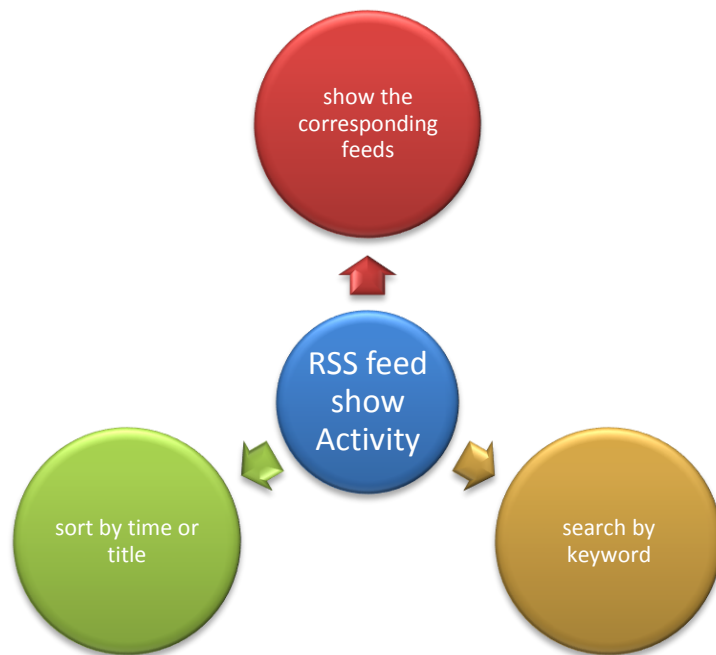
1.3 WebViewActivity



1.4 AddSiteShowActivity



1.5 RSSFeedShowActivity



2. Tools:

2.1 DateTimeAdapter: Adjust the format of time

2.2 FavouritesAdapter: Set a style for Favouties screen shown by favourites_layout. It is a bridge between UI and data

2.3 FunctionContainer: Save some general functions

2.4 RSSFeedParser: Parser information from xml url

2.5 SlideLayout: Set a self-defined slideLayout style for list view

2.6 SortAndFilterAdapter: Contains all the methods of sort, search and filter

3. Data:

3.1. My Application: Save all the global variables and in the whole android application

3.2. RSSElement: A self-defined class representing RSS elements in the real world. It helps to save and get information