安卓课程——小视频APP

汇报人：谢乐凡

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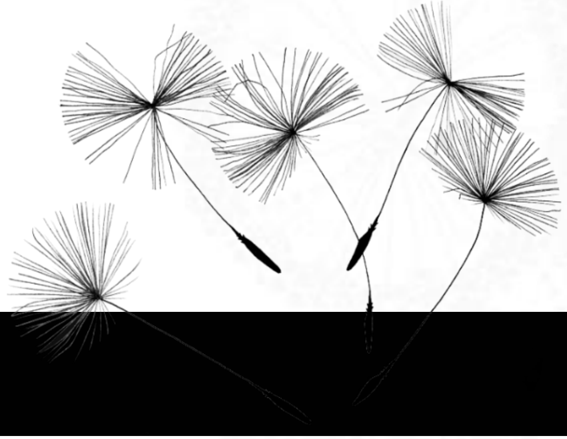
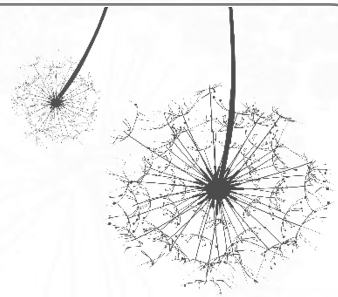
01

功能与实现



项目标题

TITLE HERE

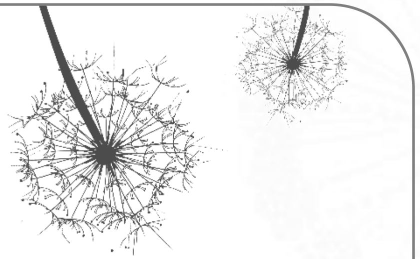


获取与展示

MainActivity

录制与上传

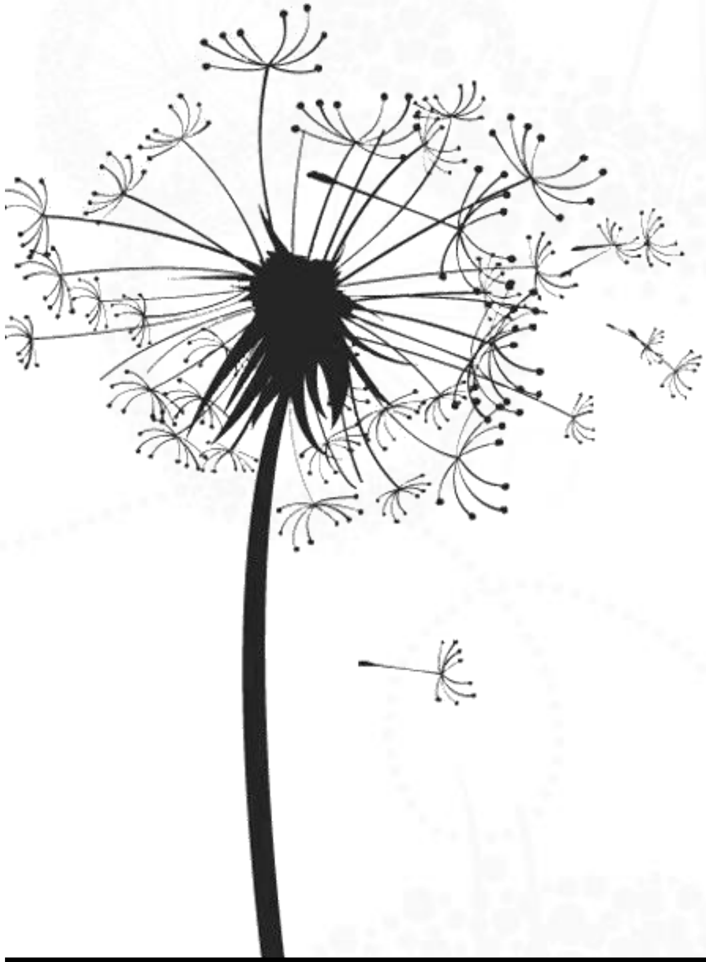
UploadActivity

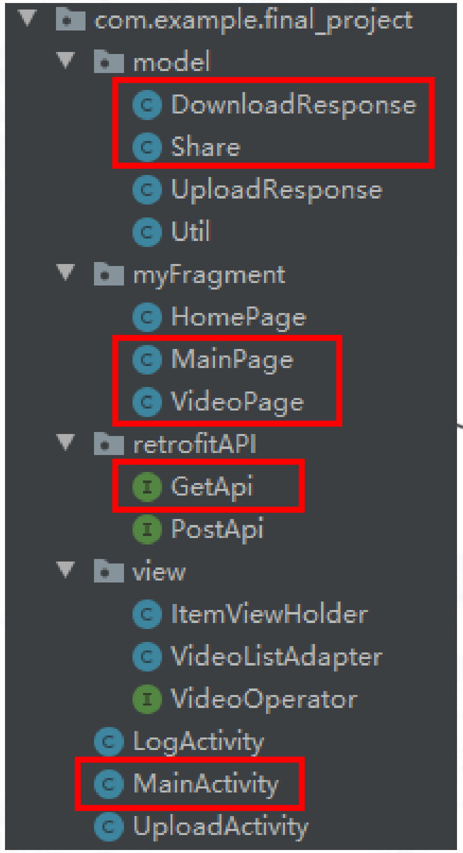


用户

LogActivity

获取与展示



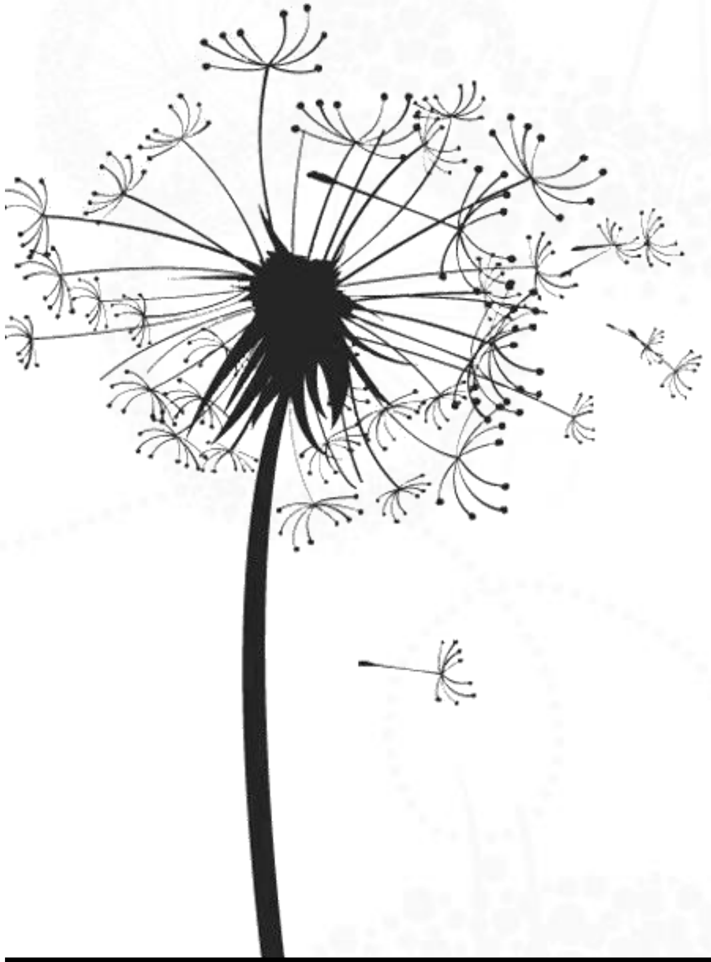


```
▼ com.example.final_project
  ▼ model
      DownloadResponse
      Share
      UploadResponse
      Util
  ▼ myFragment
      HomePage
      MainPage
      VideoPage
  ▼ retrofitAPI
      GetApi
      PostApi
  ▼ view
      ItemViewHolder
      VideoListAdapter
      VideoOperator
    LogActivity
    MainActivity
    UploadActivity
```

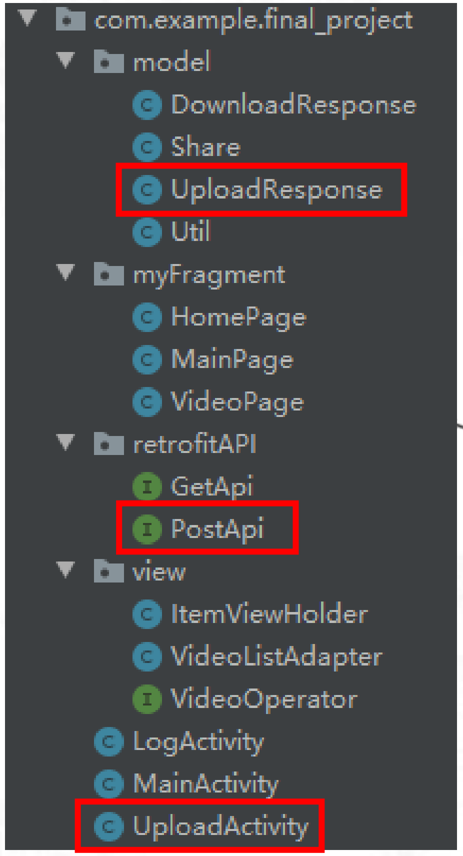
Share: 小视频数据类

MainPage: 基于Retrofit获取后端数据库数据
基于RecyclerView展示得到的数据

VideoPage: 放映接收到的视频
查询目标用户发布的内容



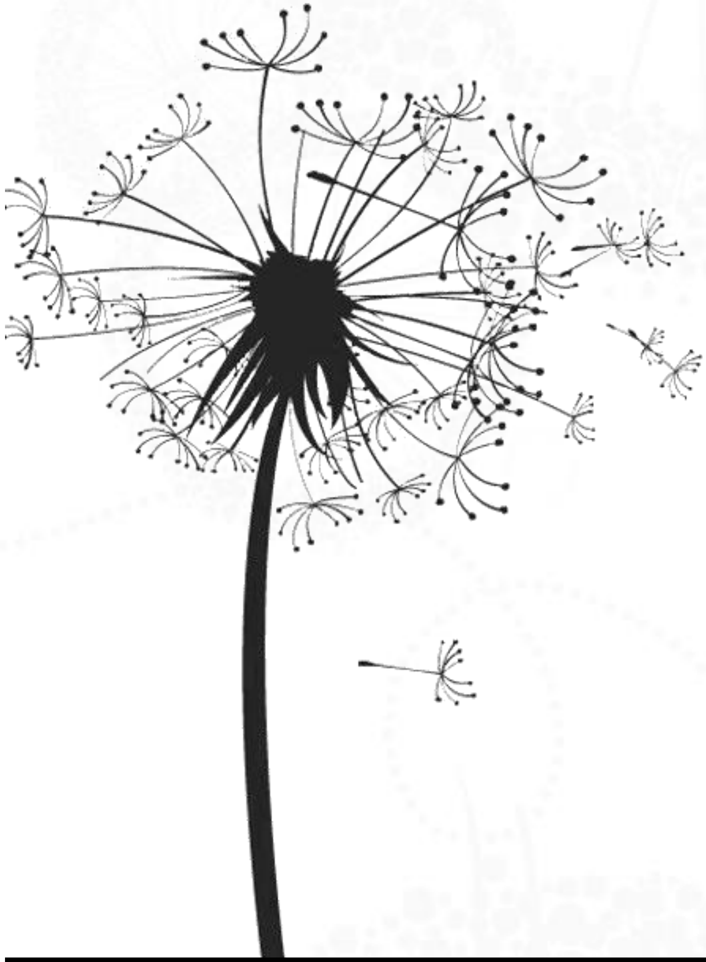
录制与上传

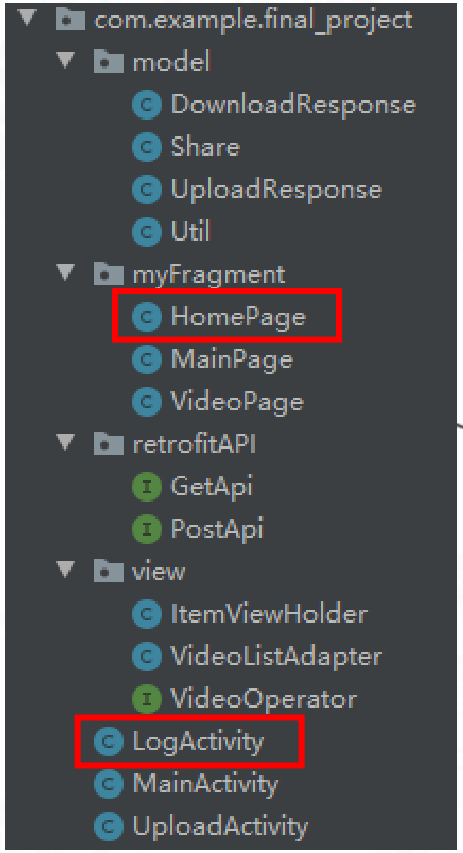


```
▼ com.example.final_project
    ▼ model
        C DownloadResponse
        C Share
        C UploadResponse
        C Util
    ▼ myFragment
        C HomePage
        C MainPage
        C VideoPage
    ▼ retrofitAPI
        I GetApi
        I PostApi
    ▼ view
        C ItemViewHolder
        C VideoListAdapter
        I VideoOperator
    C LogActivity
    C MainActivity
    C UploadActivity
```

Camera: 自定义相机

TouchListener: 手动聚焦





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▼ com.example.final_project
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      Util
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      HomePage
      MainPage
      VideoPage
  ▼ retrofitAPI
      GetApi
      PostApi
  ▼ view
      ItemViewHolder
      VideoListAdapter
      VideoOperator
    LogActivity
    MainActivity
    UploadActivity
```

用户

LogActivity: 用户账号与姓名登录

HomePage: 基本信息以及自己发布的内容

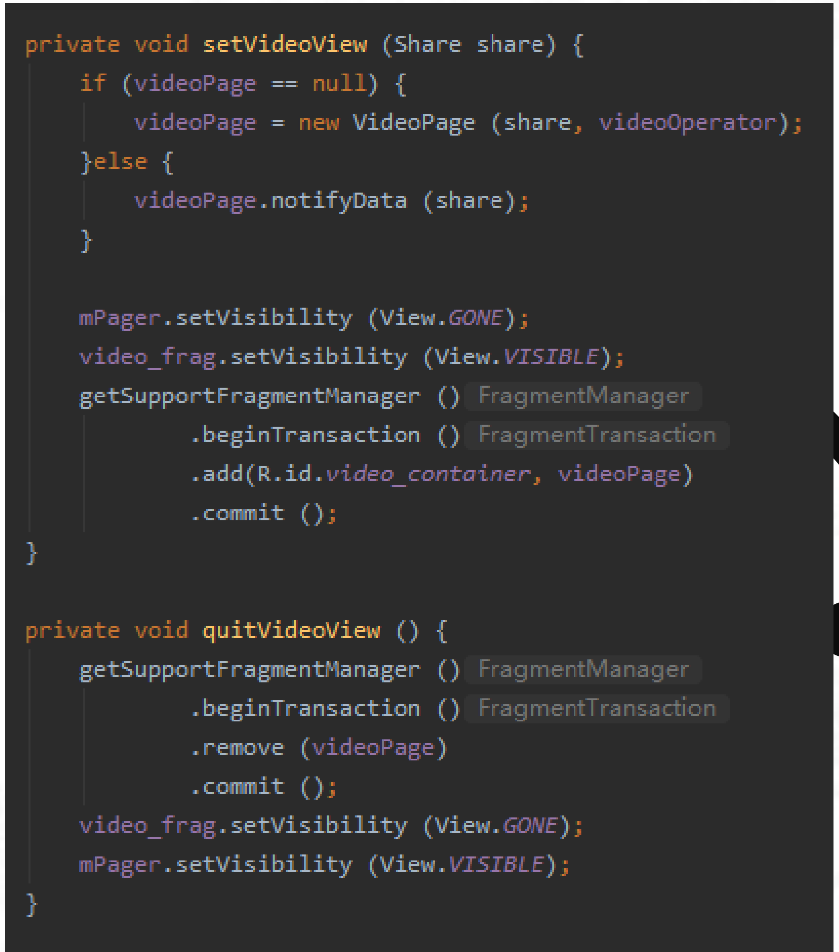
02

不足与展望

不足之处

TITLE HERE

程序结构

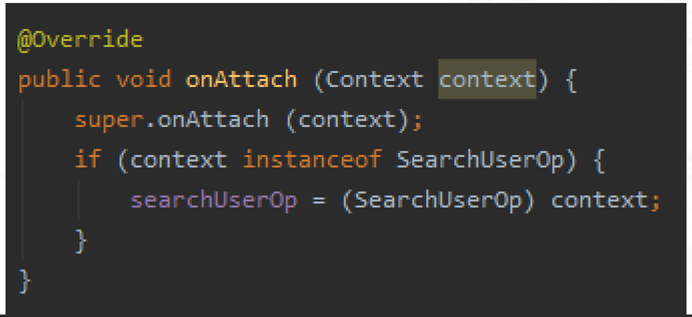


```
private void setVideoView (Share share) {
    if (videoPage == null) {
        videoPage = new VideoPage (share, videoOperator);
    }else {
        videoPage.notifyData (share);
    }

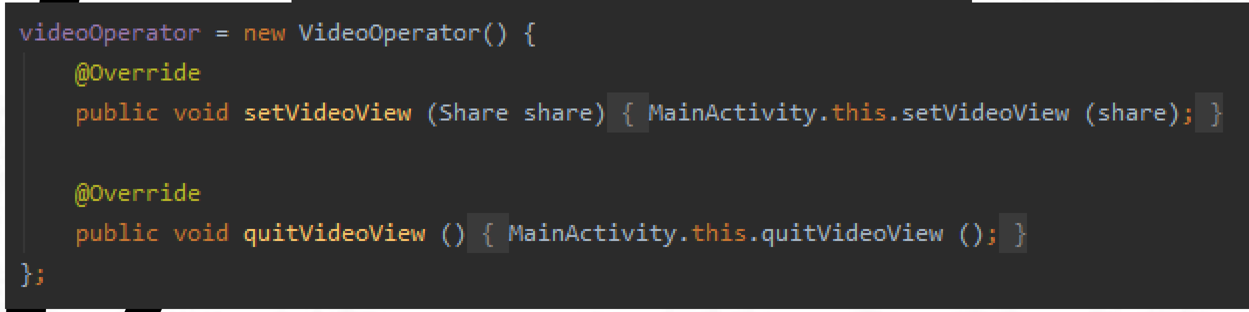
    mPager.setVisibility (View.GONE);
    video_frag.setVisibility (View.VISIBLE);
    getSupportFragmentManager () FragmentManager
            .beginTransaction () FragmentTransaction
            .add(R.id.video_container, videoPage)
            .commit ();
}

private void quitVideoView () {
    getSupportFragmentManager () FragmentManager
            .beginTransaction () FragmentTransaction
            .remove (videoPage)
            .commit ();
    video_frag.setVisibility (View.GONE);
    mPager.setVisibility (View.VISIBLE);
}
```

Activity 与 fragment



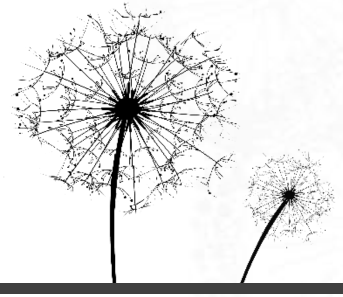
```
@Override
public void onAttach (Context context) {
    super.onAttach (context);
    if (context instanceof SearchUserOp) {
        searchUserOp = (SearchUserOp) context;
    }
}
```



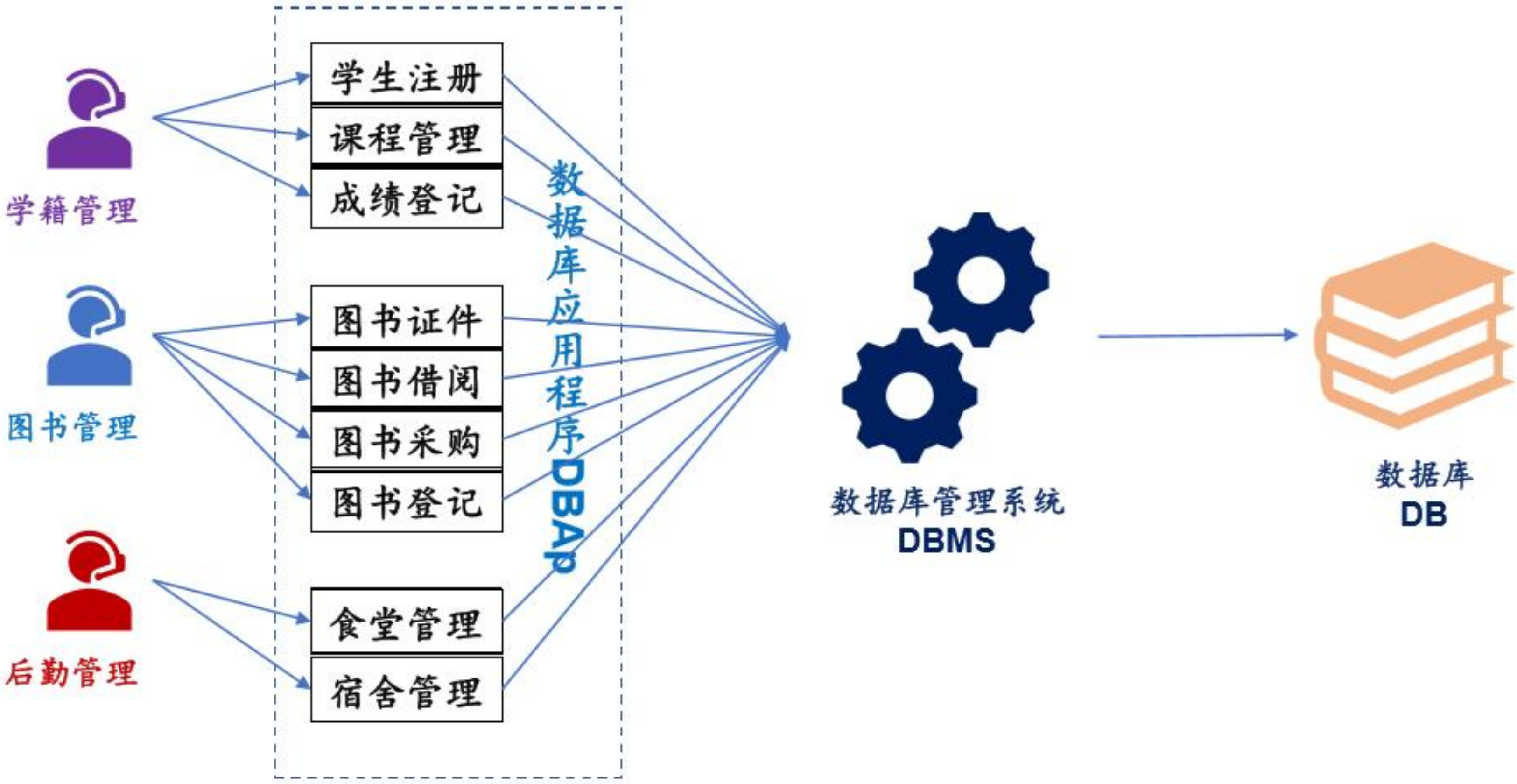
```
videoOperator = new VideoOperator() {
    @Override
    public void setVideoView (Share share) { MainActivity.this.setVideoView (share); }

    @Override
    public void quitVideoView () { MainActivity.this.quitVideoView (); }
};
```

展望

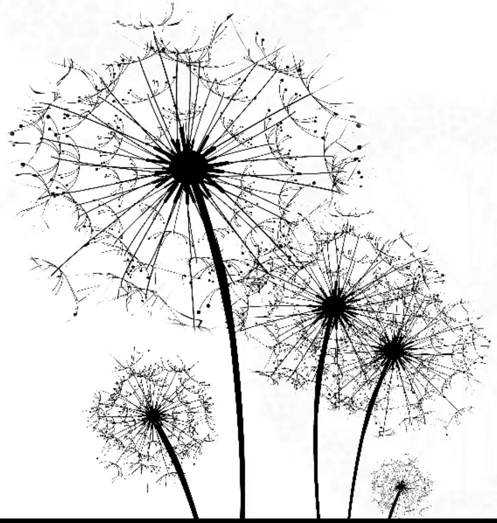


- 格式化 extra_value
- 调用本地存储

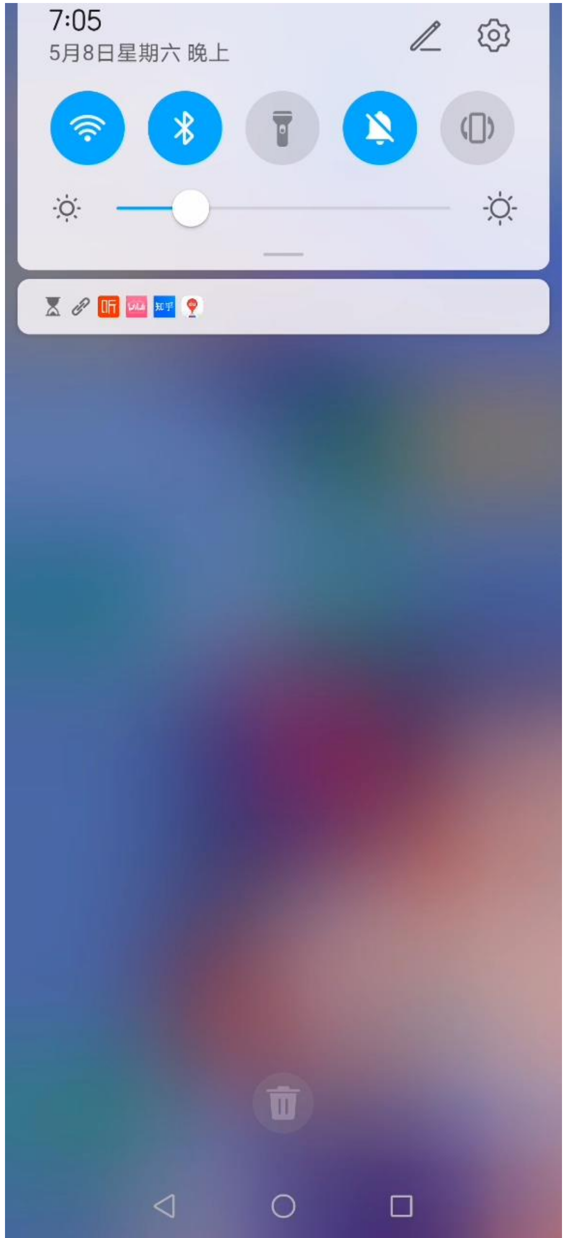


03

程序 Demo

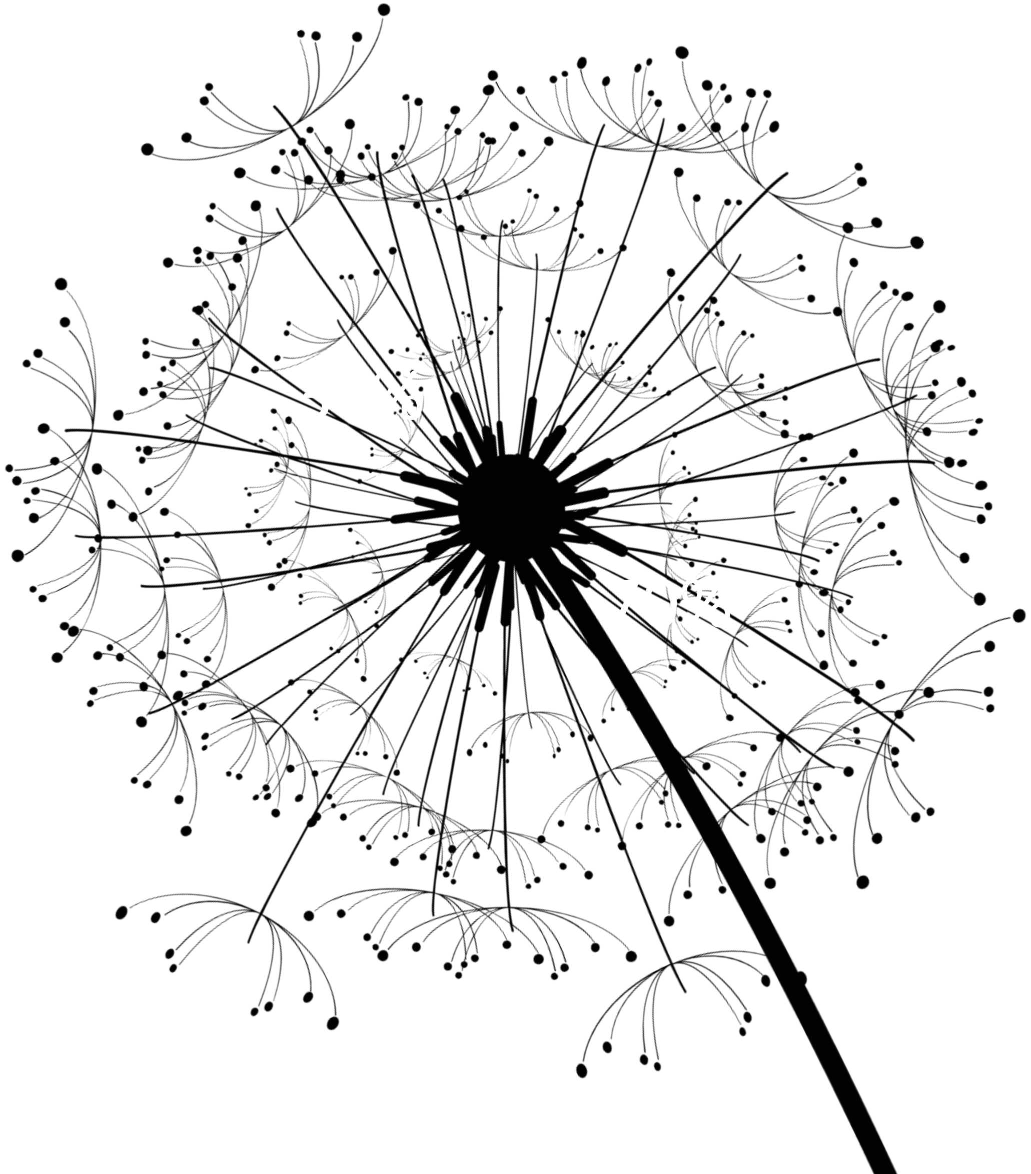


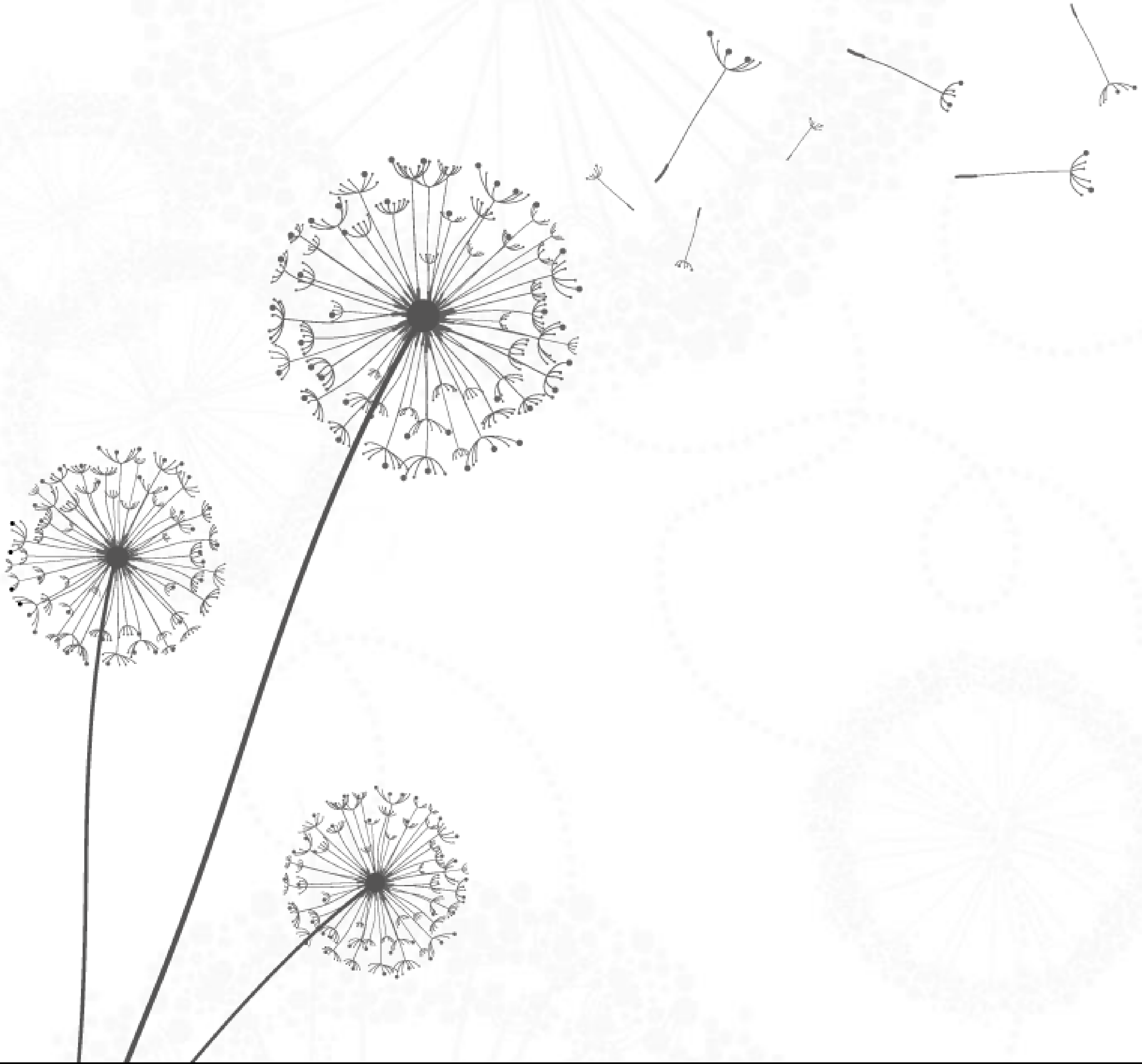
Demo



7:05

5月8日星期六 晚上





谢谢