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## Jing Movie

### Description

这款app用来展示热映、即将上映、北美票房榜和Top250的电影，以及这些电影的评分、影评和详细信息。电影信息可以帮助用户更深入的了解电影，影评和评分可以反映电影的质量，用户通过以上信息能选择出更适合自己的电影。

### Intended User

我猜所有人都喜欢看电影。如果事实是这样，那么这款app就适用于所有人

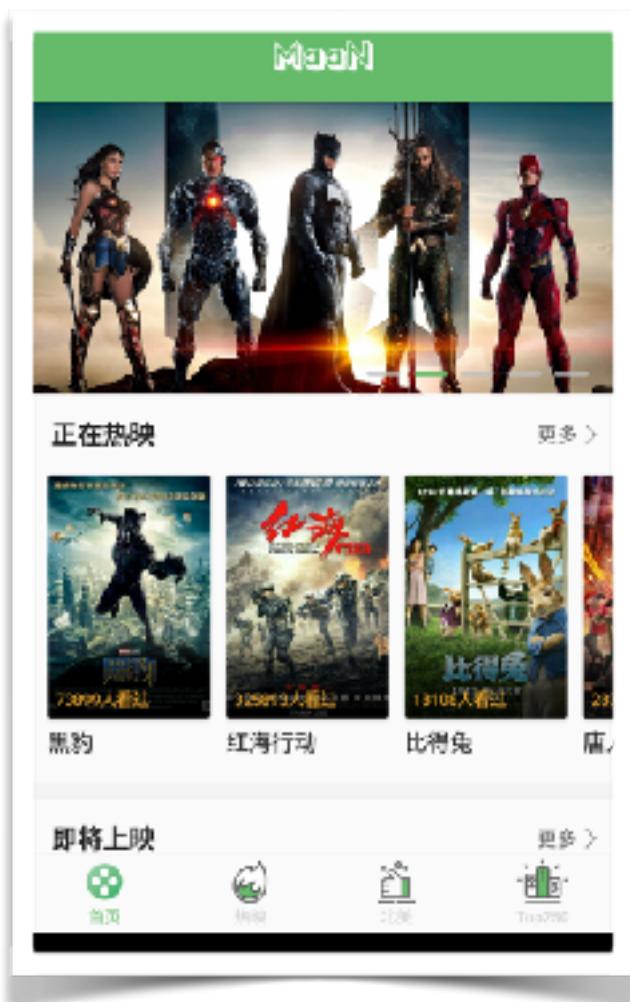
### Features

- 列表形式展示上映电影的简要信息和图片
- 点击列表项进入相应电影的详细信息
- 电影详细信息包括分类、上映时间、评分、简介和演职人员

## User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, [www.ninjamock.com](http://www.ninjamock.com), Paper by 53, Photoshop or Balsamiq.

### Screen 1



首页分为轮播banner和多个横向列表，主要以列表形式展示电影的基本信息，包括电影名称、评分或人气、电影封面。

## Screen 2



详情展示了电影的详细参数和相关图片。具体如下：电影封面、电影名称、分类、上映时间、评分、演职人员表。

Add as many screens as you need to portray your app's UI flow.

## Key Considerations

How will your app handle data persistence?

在网络请求数据上，采用OkHttp3+Retrofit。

在存储用户数据上，由于此app需要保存的数据很少，所以采用SharedPreferences。

Describe any edge or corner cases in the UX.

主要对各页面和列表的loading状态做了相应的动画。

Describe any libraries you'll be using and share your reasoning for including them.

网络请求使用OkHttp

图片加载使用Glide

View绑定使用ButterKnife

JSON解析使用Gson

Describe how you will implement Google Play Services or other external services.

由于该app仅在国内试用，不使用任何Google和第三方服务

## Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

### Task 1: Project Setup

- 引入OkHttp、Gson、Glide、ButterKnife依赖包
- 采用MVP架构，代码上降低耦合、提高内聚
- 按模块分包：主页、详情

### Task 2: Implement UI for Each Activity and Fragment

- 主界面：自动轮播的ViewPager，首页loading状态的动画。
- 详情页：背景对图片进行高斯模糊处理，自定义的评分View。

### Task 3: Your Next Task

- 通过豆瓣API获取公共、免费电影信息
- 处理网络请求的错误情况
- 测试并修复bug

Add as many tasks as you need to complete your app.

### Submission Instructions

- After you've completed all the sections, download this document as a PDF [ File → Download as PDF ]
  - Make sure the PDF is named "**Capstone\_Stage1.pdf**"
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If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone\_Stage1.pdf**"