

## How to Use this Template

1. Create a new document, and copy and paste the text from this template into your new document [ Select All → Copy → Paste into new document ]
  2. Name your document file: “**Capstone\_Stage1**”
  3. Replace the text **in green**
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Description

Intended User

Features

User Interface Mocks

Screen 1

Screen 2

Screen 3

Key Considerations

How will your app handle data persistence?

Describe any edge or corner cases in the UX.

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

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

Next Steps: Required Tasks

Task 1: Project Setup

Task 2: Implement UI for Each Activity and Fragment

Task 3: 攻略页面功能实现

Task 4: 笔记页面功能实现

Task 5: 我的页面功能实现

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# 旅行笔记

## Description

这是一个旅行 **app**，可以查看攻略，记录旅行上的点滴，同时可以获取当地天气信息

## Intended User

正在旅行的人，想要旅行的人

## Features

List the main features of your app. For example:

- 浏览旅行攻略
- 拍照，视频并分享
- 天气信息

## 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



在“攻略页面”可以根据选择不同的目的地来查阅旅行攻略。并且可以收藏想要的攻略

## Screen 2



“笔记”界面，可以把自己的旅途的点滴以朋友圈的形式保存下来，形成时间轴。点击 fab 可以拍照，短视频以及输入文字

## Screen 3



“我的”界面，可以登录到远程服务器，同步笔记，攻略，可以根据定位获取目前所在城市的天气，可以查看收藏的攻略，

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

## Key Considerations

### How will your app handle data persistence?

APP 内部采用 **Content Provider** 保存攻略和用户信息  
服务器端使用 **MySQL** 数据库保存用户信息

### Describe any edge or corner cases in the UX.

当用户点击删除或者退出登录时，进行二次提醒，  
发布信息如果遇到网络受阻，将未发布的内容保存在草稿箱内

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

**Picasso** 方便加载图片  
**Okhttp** 网络请求

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

**google map** 在攻略页面，加载目的地的地图信息  
**Google AdMob** 在适当的位置加入广告

## 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

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- **Configure libraries**
- 搭建后台数据库
- 搭建 APP 内部数据库
- 设置服务器 API

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

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

List the subtasks. For example:

- Build UI for MainActivity
- 创建攻略界面 UI
- 创建笔记界面 UI
- 创建我的页面 UI

## Task 3: 攻略页面功能实现

Describe the next task. For example, “Implement Google Play Services,” or “Handle Error Cases,” or “Create Build Variant.”

Describe the next task. List the subtasks. For example:

- 同步服务器数据
- 实现 目的地 位置切换
- Google map 定位实现
- 攻略内容页面展示
- 攻略收藏功能

## Task 4: 笔记页面功能实现

Describe the next task. List the subtasks. For example:

- 实现发布任务
- 编辑旅行笔记(删除)
- 将笔记同步到后端

## Task 5: 我的页面功能实现

Describe the next task. List the subtasks. For example:

- 登录/注册功能实现
- 退出登录功能
- 当前位置天气获取

- 同步攻略
- 查看收藏攻略

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

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### 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**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

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**"