**Requirements Template**

A product requirements document is a document which fully defines the purpose of the mobile app project. It includes details on how the product should be built and supported to ensure that you / your team to build a successful product.

**Introduction**

Briefly describe the app and what you want the app to do.

  I'm going to implement a simple train ticket booking system, through which users can simply and quickly purchase or return train tickets, and the system will send a message to remind you of your belongings when you arrive at the station. Please note that this is only a test version, so the database is stored locally and does not really buy train tickets.

**Objective**

What is the objective of your app?

Users can simply purchase and return train tickets.

**What Does Success Mean?**

What would you consider a successful app?

I think it is to complete the task that should be completed, there is no redundant code, and it runs fast with few errors.

**User Flow**

Briefly outline the flow of the app for the types of users (admin, regular user, guest, etc.)

For example: Login, products homepage, product details, checkout, confirmation.

**Business Requirements**

1. What is the purpose of the app or product? What are you trying to accomplish?

2. What is the current problem(s) it will solve?

3. How will it streamline or improve the current process or facilitate a new process?

4. What is the product vision?

5. What aspects are already in place? What needs to be added? Will the app need to be built from scratch or can you leverage existing assets?

6. What should the app be able to do (ie. functionality)?

7. What features do you want it to have?

1.

2.

3.

**Product & Technical Requirements**

1. What platforms will the app be built for (iOS, Android, etc.)?

2. What operating system versions support it?

3. What are your current services, servers, databases?

4. What are your maintenance needs? Do you need to support it in the future?

5. How long should the app function before an overhaul is needed?

6. Do you have current API/services documentation?

Yes No

**Dependencies**

1. Hardware that the app will run on/communicate with (for example, beacons).

2. Does your app rely on any third-party APIs? E.g. Wechat.

**Assumptions**

Where are the assumptions you’re making about the user (for example, X% of users will see enough value in the product to become regular users)?

What are the technical assumptions you’re making?

**Constraints**

What are the constraints or the limitations that you or the teams must work within such as scope, budget, and time?