**Project Plan**

**The aim of the service:**

Our service aims to help Android app developers to predict how popular their products can be on Google Play Store given some attributes of their app based on its developer’s judgement. For example, if I want to develop a free game of the similar quality with an existing game that has rating 4.1 and 200,000 reviews, the system can give me the prediction on the sales number and the likelihood of achieving that.

**The dataset for our service:**

We are going to use a dataset from Kaggle that includes the data about more than 10,000 Google Play Store apps’ information.

**Our communication channel:**

We have set up a group on Messenger to discuss all the details of our program. Additionally, we will have some meetings at the key points during the project.

**Our code repository:**

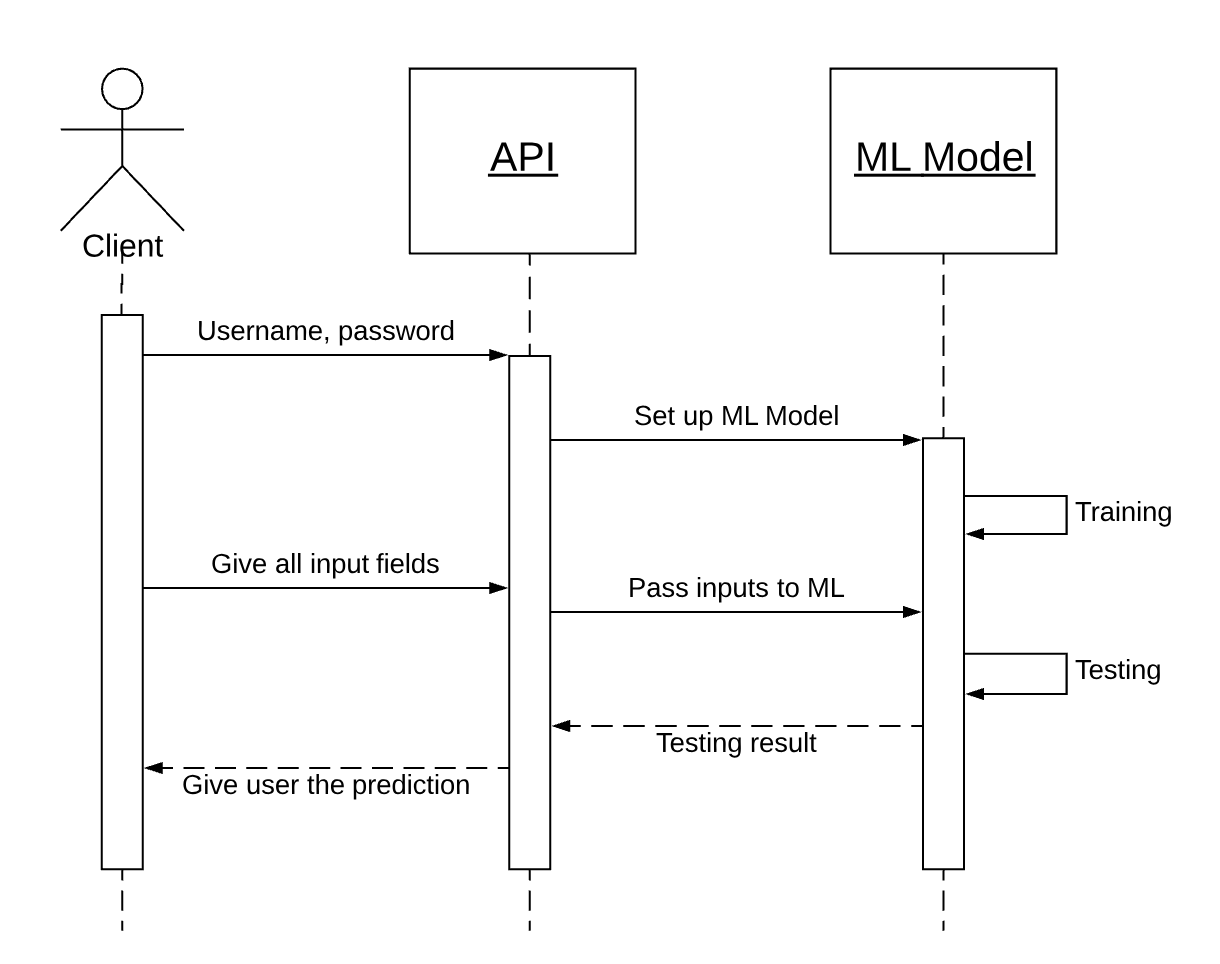
We have created a Github repo to store our project and integrate our code.

**Each member’s role in the project:**

Data cleansing and machine learning models: Xin He and Guangfei Liu are responsible for.

Restful API and authentication: Miao Niu Wanze Liu and are going to develop the.

Client GUI: Chuan Jiang’s job is to design.

**Sequence diagram for our service:**