# Technology Listing

## Collaborative Workspaces

1.google doc

<https://drive.google.com/drive/u/0/folders/1CsO1w9nZACLbIzIfCf-IPmvI-VHngsY->

Google doc is the tool our team uses to write reports. Controlled by our tutor and given the permission of our team members to edit.

2.github

<https://github.com/s3665803/excited-bird>

Github is controlled by our team member Bowen Yang and gives us team members permission to edit.

3.trello

<https://trello.com/b/HchjnuLb/tr-excited-birds>

Trello is controlled by our tutor and given the permission of our team members to edit, which can show the progress of our assignment.

## Software

Wechat

a. Short description

WeChat users can share text and pictures with friends through the smartphone client, and support smart phone chat software for group chat and voice and video intercom functions.

b. Rationale

In order to be able to respond in time and propose ideas after class, we create a wechat group, which it can help our group eliminate misunderstandings and improve efficiency.

Basically, six members of our team use WeChat every day to discuss assignments and to check and correct the completed parts.

The connection between each part is powerful despite the fact that each member has there individual parts., in order to guarantee the quality of the assignment, we need to report on the task.

c.Specific version

ios 6.7.2 For free.

App Icon Gear

a. Short description

App Icon Gear is a tool for Mac, iOS developers who want to efficiently make App Icons, Launch Images and Image assets. Gear works perfectly with Xcode.

b. Rationale

It's very convenient to work with Xcode and very simple to operate, which it can quickly suppress pictures of various sizes. We can drag two images at the same time (one horizontal and the other vertical), and Gear will suppress the omnidirectional Launch Image for you.

In addition, currently supported a plenty of types.

12 kinds of iOS App Icon (6 iPhones, 6 iPads)

iOS Launch Image 20 kinds

MAC App Icon 10 kinds

Apple Watch App Icon 8 kinds

Xcode icon set (XC Asset) 3 kinds

c.Specific version

1.5.5 For free.

ADOBE PHOTOSHOP CC

a. Short description

Photoshop is one of Adobe's most famous image processing software, which integrates image scanning, editing and editing, image creation, advertising creativity, image input and output into one image processing software.

b. Rationale

Photoshop is the most powerful drawing software available today. Photoshop's tools are so smart ,which we can use the pens, filters and modes that come with the software to achieve all the effects you can think without any extension. In addition, powerful expandability allows us to perform tasks in a wide variety of pen filters in a wide variety of pen filters.

c.Specific version

V13.0.3

First month is free.

A$39.59/mo (incl. GST)

## Tools

1. Xcode

a. Short description

Xcode is an integrated development environment (IDE) provided by Apple to developers for the development of MacOS, iOS, WatchOS and tvOS applications.

b. Rationale

Because our group will develop a program on the ios platform. Xcode has a unified user interface design, coding, and testing that is the fastest way to develop OS X and iOS applications. Support multi-language programming programs C, C++, Objective-C or Java programming and it can publish the program directly to the App Store. Therefore, the Xcode is the most suitable IDE for our program.

c.Specific version

Xcode 9.4.1 For free.

d. Alternative plan

Eclipse

<https://www.eclipse.org/>

2. proto.io

a. Short description

Proto.io is a dedicated mobile phone prototyping platform that can build and deploy prototypes of fully interactive mobile applications and simulate similar finished products.

b. Rationale

It's convenient for quickly creating an interface because it has a rich set of standard UI elements, and many of them are customizable. In addition, it can be many screens in a project, and transitions can be made between these screens.

c. Specific version

Proto.io 6 Free for 15 days.

d. Alternative plan

invision

<https://www.invisionapp.com/>

GitHub

GitHub is the world's largest code resource hosting sharing site with a lot of resources to learn to help us better complete our application.

## Resources