

Project Plan—

Stop Smoking App

Tianyi Ma and Tianjian Wei

Group Plan:

- **Team member:**

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- **Revised project description:**

We devised a new project. Instead of making the gas price app, we decided to develop a Quit Smoking app. Our basic idea is an the individual makes a mark on this app once he or she smokes. The app report the number of cigarette the user has in that day on the “Smoke” button (the button user press when he or she smokes), and reminds user if he or she smokes too according to the plan it makes for the user. The app monitors the users progress each day, and summarizes the real time progress by showing the tendency of smoking or quitting, the outcomes (how much money saved, how many cigarette not smoked, how many chance lower for getting a cancer, how many days the user’s life gained, etc), and gives feedback or suggestions each day, each month, and each year.

- **Meeting schedule:**

Meet at Sunday night or evening about 7pm or later.

Other time TBD

- **Group Chat:**

We communicate through WeChat and iMessages.

- **Document:**

Google drive and dropbox.

- **Development:**

Xcode

Research Plan:

- **Interview:**

Tianyi is responsible for doing the interview with people:

To achieve our goal and improve our app, we need the following data: Name, gender, age, smoking history, what kind of cigarettes, how many cigarettes they smoke per day, attitude about quit smoking, and about using the app to quit.

Name, gender and age are the primary data that help us distinguish the different target group. However, gender and ages may be used for further analyzation.

From my experience, female and male have significantly different and propensity on smoking. Smoking history data helps us to acquire the level of tobacco usage. Smoking history data alone might be not enough for having an accurate result, therefore, we will combine it with further data analysis. For instance, combining ages and smoking history, we would know when did the interviewer starts smoking his or her first cigarettes. Then we will ask some questions about personal preference, such as what kind of cigarettes, or how many cigarettes a day. There are many different companies sale cigarettes, and every kind cigarettes contain different nicotine, by asking what kind of cigarettes do they smoke, we will know how much nicotine do the interviewer would consume

daily. The question about cigarettes daily usage directly lead to how much they addicted to smoking.

So here is the basic interview questions:

- What is your name?
- How old are you?
- Do you smoke, and for how long?
- What kind of cigarettes do you smoke?
- How many cigarettes do you smoke, on the daily bases?
- Have you ever consider about quit smoking?
- Do you think you have nicotine addiction?
- What is the most difficult thing for you to stop smoking?
- Have you ever try to smoke less cigarettes per day?

●**Questionnaire:**

Tianjian is responsible to make the questionnaire, and both of us will send out and receive questionnaire. The content in the questionnaire will be similar to the content of interview, but this is designed to collect a bigger data from by sending out to a big group of people, and we would like to give the questionnaires randomly to people in different places. This bigger data is a better resource for making plans for different users.

The questions will be like:

Your age:

Your gender:

Do you smoke, and how long:

How many cigarettes do you take daily:

- You don't like smoking

1. Totally agree

2. Agree
3. Neutral
4. Disagree
5. Totally disagree

- Smoking Kills

1. Totally agree
2. Agree
3. Neutral
4. Disagree
5. Totally disagree

- Others don't like you smoke

1. Totally agree
2. Agree
3. Neutral
4. Disagree
5. Totally disagree
6. I don't smoke

- You have considered about quit smoking (yourself or others you know)

1. Totally agree
2. Agree
3. Neutral
4. Disagree
5. Totally disagree

- You have experience of quitting smoking

1. Totally agree

2. Agree
 3. Neutral
 4. Disagree
 5. Totally disagree
 6. I don't smoke
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- You would like to use quit smoking app(if you smoke)
 1. Totally agree
 2. Agree
 3. Neutral
 4. Disagree
 5. Totally disagree

 - What way you would like you or your friends to use to quit smoking?

 - If you have experience of quitting smoking, how it ends?

 - What way did you use?

 - What's the main reason you success or failed?

 - What function or feature do you think a good quit smoking tool need?

