

## Intro

(Walk participant to the entrance of Publix)

*"Hi! Thanks a lot for agreeing to participant. We are trying to evaluate an app designed to help international students do grocery shopping in U.S. You will be asked to do two tests with similar tasks, one with the app and one without. This is not our design, so feel free to criticize it. Do you have any questions so far? Now are you ready to start? "*

## Test A

(Walk the participant to the entrance of Publix)

*"Your first test will be done without the app. There are 3 tasks."*

- **Task 1**

*"Here is your first task. You are going to learn a new dish, "蛋包饭(Dan Bau Fan)". The ingredients you don't have at home are "大米(Da Me)" and "番茄酱(Fan Che Jung)". You need to buy them from Publix. You also need to buy "柿子(She Zi)" and "洗洁精(See Ja Jing)". You can make a list in your mind or physically as you usually do. Please tell me when you finish the list."*

(Hand the Task 1 to participant)

**(Start timing) ->**

.....(Participant tells the moderator he/she finishes the list)

**-> (Stop timing)**

- **Task 2**

(Take back the Task 1 and walk the participant to inside of Publix)

*"Here is your second task."*

(Hand the Task 2 to participant)

**(Start timing) ->**

.....(Participant got all the items)

**-> (Stop timing)**

- **Task 3**

(Walk the participant to shelf of yogurt)

*"Here is your final task of this test. Please tell me when you have made the decision and the reason."*

(Hand the Task 3 to participant)

**(Start timing) ->**

.....(Participant tells the moderator his/her decision)

**-> (Stop timing)**

## Test B

*“Congratulations! You’ve finished the first test. Your second test will be done with the app. There are also 3 tasks. After each task in this test, we would like to ask you some questions. Do you want a two-minute rest before we start?”*

- **Task 1**

*“Here is your first task. You are going to learn a new dish, “炸猪排(Jar Ju Pie)”. The ingredients you don’t have at home are “酱油 (Jung Yoo)” and “面包糠(Miem Bau Kung)”. You need to buy them from Publix. You also need to buy “杨桃 (Young Tau)” and “电池 (Dien Chi)”. Now you need to make a list with this app.”*

(Hand the Task 1 and app to participant)

**(Start timing) ->**

.....(Participant adds the four items to the list)

**-> (Stop timing)**

**Interview questions**

- On a scale of 1-7, 1 being very difficult and 7 being very easy, how would you rate your experience completing this task? Why?
- On the same scale, how would you rate the recipe functions? Why?
- On the same scale, how would you rate the translation functions when adding items to the list? Why?
- What modifications would you suggest to make these functions more useful to you?

- **Task 2**

(Walk the participant to inside of Publix for Task 2)

*“Here is your second task.”*

(Hand the Task 2 to participant)

**(Start timing) ->**

.....(Show the screen of “Got all the items...” or participant gets all the four items)

**-> (Stop timing)**

**Interview questions**

- On a scale of 1-7, 1 being very difficult and 7 being very easy, how would you rate your experience completing this task? Why?
- On the same scale, how would you rate the map and route functions? Why?
- On the same scale, how would you rate the recommendation functions? Why?
- What modifications would you suggest to make these functions more useful to you?

- **Task 3**

(Walk the participant to shelf of yogurt)

*“Here is your final task of this test. Please tell me when you have made the decision and the reason.”*

(Hand the Task 3 to participant)

**(Start timing) ->**

.....(Participant tells the moderator his/her decision)

**-> (Stop timing)**

**Interview questions**

- On a scale of 1-7, 1 being very difficult and 7 being very easy, how would you rate your experience completing this task? Why?
- On the same scale, how would you rate the Augmented Reality functions? Why?
- What modifications would you suggest to make these functions more useful to you?
- Now think the app as a whole system, are there any changes or corrections that you feel would improve it and make it more useful to you? (**If not:** Do you have any comments on this app?)

**Wrap-up**

*"Congratulations! You have finished all the tasks today. Do you any questions?"*

*"Thanks a lot for your time! We are done here."*