

Background Information of Users for Cultural Probe

The image shows a Google Form titled "Weekly Budget Background". The form has a purple header bar. Below the title, there is a subtitle: "This is a form you will fill out once just to state your weekly budget and the strictness of your budget". The form contains three main sections: 1. "What is Your Name ?" with a text input field labeled "Your answer". 2. "What is your Weekly Budget?" with a text input field labeled "Your answer". 3. "How Strict is your Weekly Budget (Scale 1-5)" with a horizontal scale of five radio buttons. The scale is labeled "1" above the first button, "2" above the second, "3" above the third, "4" above the fourth, and "5" above the fifth. Below the buttons, the text "Not Strict at All" is on the left and "Very Strict" is on the right. At the bottom of the form, there is a purple "Submit" button. Below the button, there is a disclaimer: "Never submit passwords through Google Forms." and a footer: "This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)". The Google Forms logo is at the very bottom.

Weekly Budget Background

This is a form you will fill out once just to state your weekly budget and the strictness of your budget

What is Your Name ?

Your answer

What is your Weekly Budget?

Your answer

How Strict is your Weekly Budget (Scale 1-5)

1 2 3 4 5

Not Strict at All ☐ ☐ ☐ ☐ ☐ Very Strict

Submit

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Google Forms

Each user only fills out this form once. The goal is to gauge their weekly budget and then also see the impact of the seriousness of the budget upon the actual data we get.

Form Users Submit for Every Purchase Made

Contextual Probe Purchase Form

Fill out this form after each purchase made during the week

Item Bought

Your answer

Cost (\$)

Your answer

Day Purchased (Monday - Sunday)

Choose

Time of Day

Time

: AM

Type of Purchase (ie. Lunch, Drinks, etc)

Your answer

Reason Behind Purchase

Your answer

Significance of Purchase

1 2 3 4 5 6 7 8 9 10

Completely Insignificant Completely Necessary

This form is filled out after each purchase the user makes. The data fields that we collect are Item Bought, Cost of Item, Day of Week Purchased, Time, Type of Purchase, Reason of Purchase, and Significance of Purchase.

Cultural Probe Collected (example using participant 1)

Responses cannot be edited

Contextual Probe Purchase Form

Fill out this form after each purchase made during the week

Item Bought

Vanilla Latte from Starbucks

Cost (\$)

5.50

Day Purchased (Monday - Sunday)

Monday

Time of Day

Time

09 : 45 AM

Type of Purchase (ie. Lunch, Drinks, etc)

Coffee

Reason Behind Purchase

Getting My Morning Coffee

Significance of Purchase

1 2 3 4 5 6 7 8 9 10

Completely Insignificant
Completely Necessary

All of Participant 1's Responses from that week

[illegible]

One Filled Out Response from Participant 1

Design Rationale

Initially we were going to give a user a bunch of notecards on a binder ring to fill out after every purchase but then we decided against this since most purchases are made in random location meaning that the users would need to always carry the notecards with them which would be inconvenient. In addition, since the number of purchases someone makes in a week is not constant, it is hard to tell how many notecards to give to each participant. Finally we decided that the best design for our cultural probe would be an online form for each user. Every time the user makes a purchase they would add a submission to the form. Each user had their own unique form link, so we could isolate each persons purchases. Since the user could fill it out on their phone, an item that people in our demographic always have on them, we remove the issue of carrying out an item to fill out such as notecards. In addition, since each purchase is just an extra submission, this cultural probe design can hold any number of user purchases without extra hassle. In addition Google Form auto generates graphs based on the data that can be seen in Analysis PDF.