

General questions about nature of allergens/intolerances and need for tracking features

“For all of the design ideas I am about to show you, please feel free to make any critiques or suggestions. We value your input in this process.”

### **Profile setup design**

What do you think of the presentation of allergens/intolerances on the last page?

Do you feel you would have a good understand of why the system gave the risk level it did?

For the “Do you eat ice cream?” question, are these answer choices adequately worded? Would you need more than three choices (more middle options)?

Would you be able to fill in the symptom checklist from memory during this initial questionnaire?

“What is the key benefit offered by this feature?”

### **Ingredient detector design**

Imagine you want to check whether a box of Quaker Oatmeal would pose a risk to you based on your intolerances. From this home screen, how do you think you would do this?

The app then launches into this camera display, what would you think to do next?

How would you interpret “moderate risk”? Would you avoid products that presented “moderate risk”?

What other information would you want to see here to determine whether the product is safe?

Would you trust this system?

- What would allow you to trust that this system displays accurate information?

“What is the key benefit offered by this feature?”

### **Long –term tracking**

\*Say you were having symptoms and wanted to track that in the system. How would you accomplish that from the home screen?

Would tracking symptoms be helpful to you?

Is this list thorough enough, are missing anything?

Imagine you just ate something that is causing negative symptoms. Are you able to find the symptoms you would need to log in this list? Did you have any difficulty with that?

Is rating the severity and timing of symptoms helpful to you? Would you want to be able to record the duration of the symptoms.

(On food logging search page) What can you do on this page?

“What is the key benefit offered by this feature?”

### **Elimination diet design**

Would this be useful to you?

Would logging precise time be useful?

Would having a symptoms checklist included in the surveys be helpful?

Would this be helpful to you?

“What is the key benefit offered by this feature?”

### **Perceived Benefits**

- Positives
  - “Which features were missing that would make you want to use it?”
  - It would make the things I want to accomplish easier to get done. (likert)
    - Please explain.
  - It would save me time when I use it. (likert)
    - Please explain.
  - It meets my needs. (likert)
    - Please explain.
  - This system differs from previous systems I have used (Likert)
    - Please explain.
- Negatives
  - What features do you think are useless to you?
  - Are there any features you feel are missing from this concept?

### **Intention of Use**

- How much would you be willing to use the design once it has been refined? (likert)
  - Please explain
- I feel I need to have it. (likert)
  - Please explain.
- “From the potential features, which ones would make you use the design?”
- Under what contexts would you use it?
- It’s efficient enough to support routine use. (Likert)
  - Please explain.

### **Learnability:**

- It does everything I would expect it to do. (likert)
    - Please explain.
  - It does everything I would expect it to do. (likert)
    - Please explain.
- Negatives
  - Is there anything you find confusing about this concept?