

## App Development Badge

# Data Collection Questionnaire

### How to Create a Data Collection Questionnaire:

- 1. Decide who you want to interview.** For this badge, you'll talk to a woman who holds a leadership role in your community. This could be someone in your family, like your mother, aunt, grandmother, older sister, etc. It could also be someone at your school, like the principal, librarian, coach, teacher, etc. Or, it could be a neighbor, a family friend, or someone you know from your place of worship who could be more effective in their job or volunteer work if they had more data. You could even arrange to interview a local public official, like city council member or mayor, or someone like a business owner, community activist, or athlete.
- 2. Create a plan to interview that woman.** Do you need to schedule a meeting? Is it a conversation you can have with your family member over dinner? Remember that you'll have to interview the person before the next badge meeting (App Development 2), so create a plan on how you'll make your interview happen.
- 3. Think about the data a person in that role might need to become a better leader.** For example, an elected official might want to know what issues her constituents care about. A business owner might want the results of customer satisfaction surveys. A librarian might want to know peak usage hours in the library, problems staff or students experience with book check out, or a way to know which books are checked out most and least often.
- 4. Develop a list of 5 - 10 questions to ask.** For example, you could ask:
  - Do you currently use any app to help you do your work more effectively?
  - If yes, which features are helpful? Are there any features you wish the app had?
  - If no, what kind of an app would be most useful? What features would it have?
  - What kind of data do you need to be a more effective leader? Do you have any way of getting that data now?
- 5. Decide which data you can quantify and visualize.** Some of your questions will help you identify what kinds of data your leader is looking for - these don't need to be quantifiable. However, dig into the types of data you think the leader is looking and determine what data you might be able to collect, organize, and visualize with an app. For example, if the soccer coach wants to track her team's individual performances over the course of a season, what data would you have to collect? How would you measure it?
- 6. Share your interview questionnaire with a partner to get feedback.** Will these questions provide helpful insights? Will the answers help you to begin developing an app that helps the leader?
- 7. Conduct your interview.** Before the next badge meeting (App Development 2), make sure to conduct your interview with your female leader. Listen carefully to her answers and be prepared to discuss ideas or possibilities you haven't considered. Take notes and bring the results to the next badge meeting, App Development 2.

## Interview Questions:

Questionnaire Name: \_\_\_\_\_

Interviewee's Name: \_\_\_\_\_

Interviewee's Leadership Role: \_\_\_\_\_

Question 1: \_\_\_\_\_

Answer:

Question 2: \_\_\_\_\_

Answer:

Question 3: \_\_\_\_\_

Answer:

Question 4: \_\_\_\_\_

Answer:

Question 5: \_\_\_\_\_

Answer:

Question 6: \_\_\_\_\_

Answer:

Question 7: \_\_\_\_\_

Answer:

Question 8: \_\_\_\_\_

Answer:

Question 9: \_\_\_\_\_

Answer:

Question 10: \_\_\_\_\_

Answer:

Additional Notes: \_\_\_\_\_

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\*If you need more space, use the back of the paper.\*