**QUESTIONS FOR UNDERSTANDING NASCENT RESEARCHKIT APPS**

**General**

Institution(s) sponsoring this study: Principal Investigator:

Do you have any partner institutions/co-investigators?

**Science**

What diseases or components of health are you studying?

Describe the scientific purpose of your study - what do you hope to learn? (If you have a formal study protocol written for IRB approval or grant submission that can be used here)

What signs and symptoms / disease characteristics will you measure?

Do you plan to follow any modulators or environmental factors –if so how?

Briefly describe your analysis plan and relevant personnel:

**Mobile Data Collection: Surveys/ Interactive Components/ Passive data feeds**

What if any survey questions are you using? Describe briefly measures already taken to clinically validate these questions and how standard they are within your field of study.

Describe the desired frequency / schedule for your surveys.

What interactive components will the app include? (if you are re-using an existing Research Kit component – describe any issues that need to be solved in repurposing that component for your study)

For any new interactive components, briefly describe how these will be developed and validated.

For all interactive components, briefly describe the schedules for surfacing tasks to participants.

What sources of passive data will the app acquire (without active engagement of participants like step count)?

What data does the app ask to be imported from Health Kit?

Will you acquire data on participants beyond that acquired

through the app? Will your app send data to any service other than Bridge Server

**App Development**

Who has done or will do the app development for your study? What sorts of app development have they previously accomplished?

What mobile platforms do you intend to support?

**Enrollment and Engagement of Study Participants**

Who is eligible to participate in your study? Describe any segmentation of the study population into different cohorts, including controls.

What is your strategy for recruiting participants to your study? What specific mechanisms will be used to promote enrollment?

How many participants do you think you need to answer the main scientific question posed by your study?

What strategies will you use to keep participants engaged in the app over the course of the study?

Will you need to recontact study participants during or after the study? (Under what conditions?)

**Data Sharing and Governance**

Has your study been approved by an IRB, and if not when to you expect to submit? What are the risks and benefits to participants who enroll in your study?

How do you plan to obtain informed consent from the

participants to enroll in your study? If doing this through the app, will you be using Sage’s visual consent toolkit? Are any new / modified elements necessary?

For each type of data your app will collect (surveys, interactive components, or passive data feeds) describe any privacy concerns in handling this type of data. .

What is your plan for sharing data with the research community beyond your study team?

Are you willing to use the strategy engaged in the first five RK apps that allows participants if they wish to share their coded study data with qualified researchers worldwide?

Will you provide participants a copy of their own data contributed to the study?

**Practical**

How is the study funded?

Describe the overall schedule for conducting the study.

When do you hope to launch? How long will it run?