**Tips for Designing a Study - Any challenges? Suggestions?**

\*\* Notes: ☹ means challenges, and ‘🡪’ means suggestions for the challenges.

* Institutional Review Board (IRB) process

☹ Reviewers are not familiar with my research field.

🡪 SUPER specific for everything including consent forms, procedure of your study, funding source

🡪 Have all necessary consent forms

🡪 Contact / Meet people in IRB committee

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☹ Sometimes, IRB committee forgets to send a reminder email for IRB protocol renewal

🡪 Don’t forget to renew your IRB annually (Except ‘exempt review’), Mark the date on your calendar

* Data collection

☹ I ended up collecting exceptional data.

🡪To prevent this, please have a pilot study

🡪 Analyze your pilot participants (check all demographic elements are included on the survey, interview form, etc.)

☹ Data quality was not good.

🡪 Have more than one recording device, battery full charged, check quality of recording device

🡪 It is good to have a clipped-microphone, e.g. Lavalier (SONY $18) [Link to Amazon](https://www.amazon.com/Sony-ECMCS3-Omnidirectional-Stereo-Microphone/dp/B0058MJX4O/ref=sr_1_3?ie=UTF8&qid=1519073059&sr=8-3&keywords=Lavalier%2C+sony) to purchase this, NO wireless microphone EVER!

🡪 Open the record window while recording to check the mic. is working

🡪 Have proper distance between participant’s voice and the location of the device

* After data collection

☹ I forgot when I collected this data

🡪 Take some personal notes (how the data collection went, what lesson I learned, etc.) right after the data collection

🡪 Organize your data into well-labeled (time, participant ID, etc.) folders while your memory is fresh. Otherwise, you will get overwhelmed by a huge amount of data

* Questionnaire

☹ How can I ask the right questions on the questionnaire?

🡪 Balance with positive and negative Qs

🡪 Ask “How do you feel?” instead of “Did you have any difficulties in ~?”, which already connotes a negative meaning

\*\* Discussion Question: Why should we not record the interview on our phone?

1. Violate IRB
   1. Your phone could be exposed to any strangers.
   2. Are there any reliable apps to record? (If you know, please feel free to edit this document)
2. Memory challenges (not reliable to save a huge amount of data)
3. Audio quality
4. Battery issue
5. Unexpected interruption (phone call, update alerts, alarm, etc.)
6. Easy to get lost / stolen because it is an expensive device!
7. It must look informal because you are using a personal mobile
8. Think about who owns the phone?
   1. You should separate personal data and research data in case of exporting your data   
      Sometimes, unexpected personal stories or personal medical information have come out during the interview, and you need to store it separately.
   2. Consider funding agency

In a short word, DO NOT use your phone to collect data!