

LAB 9: APPLYING DATA GATHERING TECHNIQUES

BITM 2313

SEMESTER 2

SESSION 2020/2021

1.0 OBJECTIVE

To discuss how to plan and run a successful data gathering program.

To plan and run an interview.

To design a simple questionnaire.

2.0 INTRODUCTION

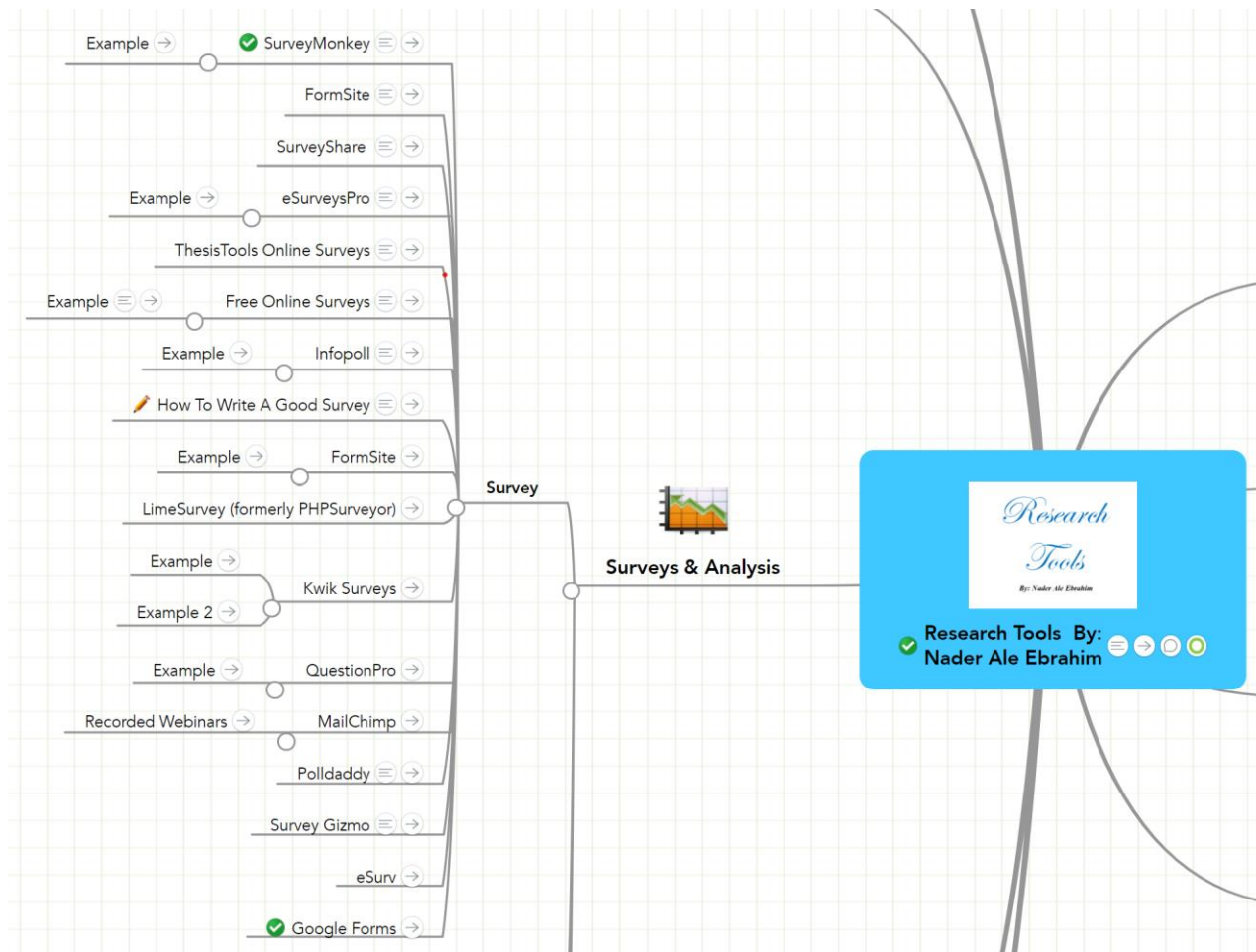
Five key issues:

- i. **Setting goals**
Decide how to analyze data once collected
- ii. **Identifying participants**
Decide who to gather data from
- iii. **Relationship with participants**
Clear and professional
Informed consent when appropriate
- iv. **Triangulation**
Look at data from more than one perspective
Collect more than one type of data, eg: qualitative from experiments and qualitative from interviews
- v. **Pilot studies**
Small trial of main study

3.0 DATA GATHERING TOOLS

Here are a few tools for data gathering:

<https://www.mindmeister.com/39583892/research-tools-by-nader-ale-ebrahim?fullscreen=1#>



4.0 LAB ACTIVITY

Adjusting to a new normal is never easy. The new normal for education requires us to unlearn what we have always known: rows of desks, heavy bags, mass lectures, public exams, and (broken) parent-teacher communication. Unlearn those, and we can establish the new normal of education.

While everyone seems to directly correlate online learning with the new normal, it is not the whole story. Online learning is essential as an enabler of learning so that the whole business of education will not stall, but there are more facets to pay attention to in defining the new normal.

To get a piece of information about the challenges in the new norm in education, few things that you need to discuss with your team members:

- i. Before building out your survey, ask yourself these questions:

“What am I trying to capture?”

“Who are my target respondents?” Is it teachers, students, or parents?

- ii. Identify data gathering techniques
- iii. Select appropriate tools to gather information.
- iv. Draft research instrument and gather information
- v. Data interpretation and analysis