***Outline for Assignment 2 (Methodology) Preparation***

**State your REVISED research question:**

1. **Research Design & Data Collection (5 points):** Describe the following:

a)  The specific type of research design you will use to study your research question (e.g.,  experimental design, quasi-experimental design, survey, etc.). Discuss the rationale of chosen design.

b)  Time-dimension of your study (cross sectional or longitudinal).

c)  How you will collect the data (e.g., interview, self-administered questionnaire, observation, or any other combination). Discuss the rationale of chosen data collection method(s). The description should include detailed procedure and context of data collection (e.g., how, when, where).

1. **Sample (5points):** Describe the following
2. The target population (who will be studied)
3. Sampling technique(s) (how you will recruit people from the target population identified)
4. The rationale of the sampling method chosen, recruitment procedures, and sample size.

d)  Any special consideration including ways to insure protection of subject (e.g., anonymity, confidentiality).

1. **Measurement (5 points):**
2. Clearly identify dependent and independent variables of your study.
3. For each variable identified, describe how they will be operationalized and measured (e.g., what indicator you will use to measure them).
4. Include a questionnaire (=actual questions to be asked) and/or observation protocol as an appendix.
5. **Limitation (5 points):**

In the research proposal, it is important to show that you are aware of some of the weakness, (but that *they do not detract from the general merit of your study).* Describe some potential limitations of your study in relation to any of the following:

a} Problems with sampling (e.g., possible sampling bias)

b} Ethical considerations in research design and data collection method (e.g., how the research design has been modified in consideration of potential harm toresearch participants or other potential violation of ethical issues in research)

c} Reliability and validity of instruments

d} Internal validity of the design, with description of some threats to internal validity

e} External validity (generalizability) of study