CS 4712
User Interface Engineering (UIE)
Research Project Guidelines

Read the Dr. North's E-Research book: Dr. North's E-Research Book - How to Build Research Skills (http://drnorth.net/E-Research-Book.exe)

The purpose of this research project is to provide an opportunity for you to present your project on each phase's of basic Project Management Life Cycle.

The Project Management Life Cycle has four phases: Initiation, Planning, Execution and Closure. Each *project life cycle* phase is described below, along with the tasks needed to complete it. You can click the links provided, to view more detailed information on the project management life cycle.

Initial Phase – 1st Deliverables
1. **Read** e-Research book to understand the stages of what, why, and how to do research. Learn the Research paper components and APA format;
2. **Research** on HCI/UI topics to locate an articles (**at least five (5) related topics**) using ACM digital library by login to KSU library –*(click on Database A – Z, ACM KSU proxy, then login using KSU netID and password); Use the five articels as your backgound study for next deliverbles.*
3. **Prepare Table of Contents -** Include your references APA format (your textbook is one of the references).
4. **Write** your project **abstract** and background study (*Literature Review*)**,** from ACM digital library five scholarly papers, which includes findings, as well as theoretical and methodological contributions to a particular topic that you select for your major research project.
5. **Please read Dr. North's E-Research Book - How to Build Research Skills**
   (http://drnorth.net/E-Research-Book.exe)
6. (MS Word Two Column and Full Justify) **https://www.youtube.com/watch?v=uhKRONqc_uA** **References**: APA format
7. **Submit** 1st deliverables

Planning Phase – 2nd Deliverables
1. **Add** on to your project background study.
2. **Follow** the guidelines in e-research book and APA format.
3. **Define** your method(s) of your research project.
4. **Add** diagram/pictures/tables on project body.
5. **References:** APA Format
6. **Submit** overall research project at this phase including 2st deliverables

Execution Phase – 3rd Deliverables
1. **Build** on your 1st and 2nd deliverables
2. **Add** diagram/pictures/tables project body.
3. **Method**(Participants, Apparatus, and procedures)
4. **References:** APA Format
5. **Submit** overall research project at this phase including 3st deliverables

Closure Phase – 4th Deliverables
1. **Result/Conclusion by completing** your project.
2. **Add** reference (APA format).
3. **Complete** your tables, graphs, etc.
4. **References:** APA format
5. **Submit** overall research project at this phase on including 4st deliverables

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