Final Project Presentation Guidelines and Deliverables
Sensor Data Aggregation and Visualization System
Fall 2023
Prof. Mona Rahimi

Presentation (20 minutes): The purpose of this presentation is to showcase the implemented and tested aspects of your project. Avoid discussing future plans; instead, focus on what has been accomplished.

Structure:

1. **Requirements (Functional and Non-functional):**
   o   Clearly outline both functional and non-functional requirements.
   o   Provide a concise overview of how these requirements guided the project.
2. **High-level Design:**
   o   Present a visual representation of the system's architecture.
   o   Explain the interaction between components at a high level.
3. **Implementation:**
   o   Detail how the design was translated into actual code.
   o   Highlight key implementation choices and methodologies.
4. **Testing:**
   o   Discuss the testing process for each component of the implementation.
   o   Include any challenges faced during testing and how they were addressed.
5. **Non-functional Requirements:**
   o   Explain how each non-functional requirement was considered in the design.
   o   Discuss the methods used to measure and ensure adherence to these requirements.
6. **Demo:**
   o   Conclude the presentation with a live or pre-recorded demonstration of the tool and interfaces, such as the GUI.
   o   Ensure that the demo aligns with the implemented features discussed in the presentation.
7. **Job Decomposition:**
   o   A quick description of who did what.

Preparation:

o   Create 10-15 slides to maintain a formal and focused presentation.
o   Practice multiple times before the actual presentation to ensure clarity and coherence.
o   Remember, points will be awarded based on the understanding derived from the presentation.

Deliverable (Tuesday, December 12th @ 11:59 PM):

1. **Software Artefacts:**
   o   Submit all software-related artifacts, including requirements, design documentation, source code, and test cases. This also includes your presentation slides, demo, and any documentation that I need to reproduce your demo.
   o   Ensure completeness and clarity in the documentation.

2. **Requests for Improvement:**
   o Document any improvement requests provided during the presentation.
   o Apply necessary improvements before the submission deadline.
3. **Hardware Return:**
   o Return all hardware to <u>Hamed Barzamini, Room 564, by December 13th, between 10:00 AM to 5:00 PM.</u>
   o Failure to return the hardware by the specified time will result in a grade of zero.

Presentation Dates:

Thursday 11/30/2023

Team 1:
- Mohammad Abidi

Team 2:
- Daniel Diaz
- Michael Marchetti
- Jacob Diep

Team 3:
- Kleo Bano
- Naga Kota

Thursday 12/05/2023

Team 4:
- Bardar,
- Rajesh Vema
- Manoj Kumar

Team 5:
- Sai Tummala
- Sree Kanagala,
- Venkata Timididhapati

Team 6:
- Sirisha Lanke
- Sai Nadakuditi
- Chandrika Madala

Thursday 12/07/2023

Team 7:
- Sri Bayyapuneni
- Adam Filice

Team 8:
- Nischal Vooda
- Hemanth Chimakurthi
- Niharika Prathi