SAMPLE TERM REPORT OUTLINE

TOPIC: A NODAL FEEDBACK MODEL FOR WIRELESS MULTI-SENSORY DATA FUSION

CONTENTS

1) INTRODUCTION
   a) Problem statement
   b) Thesis of paper
   c) Literature review
   d) Motivation and objectives

2) PROPOSED NODE-BASED ARCHITECTURE
   a) Sensor Module: Event Interrupt
   b) Knowledge Base and Reference
   c) Data Fusion Module: Data Aggregation
   d) Fetch Trigger
   e) Network Cloud

3) PROPOSED NODE-BASED DATA FLOW
   a) Modulator/Demodulator
   b) Sensor Measurement (Including Event Interrupts)
   c) Data Fusion Requirement
   d) Feedback Requirement
   e) Power Threshold level requirement
   f) Knowledgebase updating (for Incremental Caching)

4) DISCUSSIONS OF POSSIBLE NETWORK SCENARIOS
   a) Node Snap example (with diagrams)
   b) Power Considerations
   c) Feedback for Accuracy
   d) Network Routing, Synchronization

5) SIMULATION RESULTS AND ANALYSES
   (Tabulated results, charts, and analysis of the results)

6) CONCLUSION AND FUTURE WORK
   a) Summary of results
   b) Conclusion
   c) Future work (Implementation plans, extension of work)