A Sample Template for System Architecture Document (SAD) v0.1

1. INTRODUCTION
   1.1. Purpose of the System
   1.2. Design Rationale

2. BACKGROUND AND CURRENT SYSTEMS
   2.1. Technical Background
   2.2. Current Systems and Architectures

3. PROPOSED SYSTEM ARCHITECTURE
   3.1. Technical Design Goals and Trade-offs
     (Give YOUR design goals here starting from the most important ones, some examples given below)
     3.1.1. User-Friendliness
     3.1.2. Ease of Use
     3.1.3. Reliability
     3.1.4. High Performance
     3.1.5. Minimum Number of Errors
     3.1.6. Security
     3.1.7. Completeness of Functionality
     3.1.8. ...
   3.2. Subsystem Decomposition
     3.2.1. System Architecture
     (In this section, first give a high level diagram(s) for your software architecture
     (UML packet diagrams and their dependencies), and hardware architecture (if applicable))
     3.2.2. A Subsystem (and briefly explain each subsystem)
     3.2.3. B Subsystem
     3.2.4. C Subsystem
     3.2.5. ....
   3.3. Concurrency Identification
   3.4. Hardware/Software Mapping
   3.5. Data Management
   3.6. Global Resource Handling
   3.7. Global Software Control
   3.8. Boundary Conditions
     3.8.1. Initialization
     3.8.2. Termination
     3.8.3. Failure

(Produce and submit these Sections 3.9 and 3.10 in electronic form
using your UML modelling tool (like Borland Together))
   3.9. Object Model  (Class diagrams of the packet diagrams given above)
   3.10. Dynamic Models (Give the important dynamic views of your project)

4. CONCLUSION

5. REFERENCES

6. GLOSSARY (Definitions, Acronyms, and Abbreviations)

7. APPENDIX