**CSCE 740 - Requirements Document Structure**

Although you should organize your requirements document to fit the needs of your project and organization, the IEEE recommends the following document structure:

**You are free to customize these templates for the needs of your project. Do NOT include a section (or a field in a requirement) if it is not necessary (or you do not have the right information to complete it - do not make up values).**

1. Introduction
   1. Purpose
   2. Scope
   3. Definitions & Acronyms
   4. References
   5. Overview
2. Overall Description
   1. Product Perspective
   2. Product Functions
   3. User Characteristics
   4. Constraints
   5. Assumptions
3. Specific Requirements
   1. External Interface Requirements
      1. User Interfaces
      2. Hardware Interfaces
      3. Software Interfaces
      4. Communication Interfaces
   2. Functional Requirements
   3. Performance Requirements
   4. Design Constraints
   5. Software System Attributes
   6. Other Requirements
4. Appendices
5. Index

Section 3.b., Functional Requirements can be organized in multiple ways, three recommendations are:

**1: Organized by User Class**

* User Class 1
  + Requirement 1.1
  + Requirement 1.2
  + …
  + Requirement 1.m
* User Class 2
* ….
* User Class N

**2: Organized by Function**

* Feature 1
  + Requirement 1.1
  + Requirement 1.2
  + …
  + Requirement 1.m
* Feature 2
* ….
* Feature N

**3: Organized by Mode**

* Mode 1
  + Requirement 1.1
  + Requirement 1.2
  + …
  + Requirement 1.m
* Mode 2
* ….
* Mode N