Internal Test Plan Document Template

Due: hardcopy, start of class 2/25
Counts as 5% of Total Grade or 22% the CDR grade

You must use the template with 12 point Times New Roman font, single spaced, with 1 inch margins, a header/footer, and page numbers.

Internal Test Plan
Project:
Project/Team Nickname:
Team members:

(on same page start Section 1)

1.0 Requirements (must be the numbered requirements from the proposal)
   3.1 Processing or data requirements
   3.2 Performance or quality engineering requirements
   3.3 Safety requirements
   3.4 Security and privacy requirements
   3.5 Implementation Constraints
   3.6 User interface requirements
   3.7 Ethical Concerns
   3.8 Category defined by you if needed
   3.9 Category defined by you if needed
   3.10 ... 

2.0 Key Requirements

Describe the prototype and list the key requirements as a list.

The prototype is blah, blah, blah.

It will illustrate <number> key requirements, listed below:
   3.1.2 Name
   3.2.4 Name
   3.6.1 Name
   So on.

3.0 Tests

T1: Test Name (T1: Flow Rate Calculation)
   A. 1 paragraph description of the test (e.g., test the generation of values for the flow rate graph)
   B. List of Key Requirements
      a. 3.1.2 Name
      b. 3.2.4 Name
      c. ...
C. Metric
The metrics and required values are:
- 100% successful program execution
- 100% correct output

D. Test Method
   a. Input
   b. Procedure
   c. Output

E. Independent third party testing
   Name or justification why not needed.