Write a 1-page essay (single-spaced, 11-point font, 1-inch margins) that describes a computing-based safety-critical system that you have personally used within the past 3 years. The essay should address all the following points:

1. What was the objective of the system?
2. What makes it safety-critical?
3. What type of experience(s) did you have with using the system (e.g., function/operate as expected? exhibit unexpected behavior?)
4. How much trust did you have in the safe operation of the system?
5. What kind of evidence, information, etc., did you use to determine trust? What kind of process model should have been used in the development/maintenance of the system? (Why?)
6. How would you propose to improve the system with respect to safety, security, and other assurance properties (e.g., additional features, quality assurance strategies, documentation, certification, etc.)

Be sure to include references/citations for any background resources that you used to provide details about the system.