Gee–Whiz Software, GWS, has developed the software for a computerized voting machine. Specialty Computer Builders Inc, SCBI, which manufactured the machine, has persuaded several cities and states to purchase it. On the strength of these orders, SCBI is planning a major purchase from GWS. GWS’s software engineer, Susan Smith, is visiting SCBI one day and learns that problems in the construction of the machine mean that each machine has perhaps a one percent chance of miscounting any given vote. She expresses surprise, but her host, Gary Gilbert, brushes off the concern.

Susan later reports the miscount issue to her immediate superior, Jason Jackson, who informs her that it is SCBI’s problem and takes no further action.

Write a 2–page analysis of the actions of the various people and companies above, using the ACM/IEEE–CS Software Engineering Code of Ethics and Professional Practice. Make specific references to its parts.

At the end of the analysis, give your recommendation for what Susan Smith should do at this point?