1. 13 The dashboard already contains 10 buttons. We can only add 3 buttons.
2. 150 The ACC fails to apply automatic braking and there is a rear-end collision.
3. 73 We would like to add the ACC product to a new vehicle type, such as an 18 wheeler.
4. 104 We need to be able to add a new feature or hardware device or to respond to changes in the hardware of the ACC and deploy the new version.
5. 89 As components are completed or modified, w need to test that component with the ACC.
6. 85 When a customer brings in a car for service, there needs to be a way to test for hardware and software failure.
7. 67 The ACC fails to perform sufficiently. The goal of uniform traffic flow is not achieved.
8. 45 The driver is distracted from driving by activating the ACC and has an accident.
9. 67 The chip costs more than initially estimated due to software gfactors.
10. 26 The ACC responds too frequently to the radar and results in continuous jerks.
11. 30 The ACC fails to activate itself due to a faulty switching mechanism.
12. 14 A competitor tries to copy the software architecture.
13. 93The customer deactivates the ACC but the software does not deactivate in time to allow the customer to avoid an accident. The delay may be on the part of the ACC or the customer.
14. 135 Because of errors, the ACC might do something it is not supposed to do.
15. 78 The ACC system fails to detect radar failure.
16. 92 A key component of the ACC fails.
17. 44 The ACC development project goes past deadline and hence over budget.
18. 34 The cost of repairing the ACC after an accident is higher than anticipated.
19. 55 The ACC is sufficiently complex to install on a car that the flow of the assembly line is disrupted.
20. 65 The ACC should be able to recognize incorrect data values and ignore them.