# **Root Cause analysis**

## The car shall have power windows. System: car

### Functional requirements (The car does this.)

* Ventilate the interior.
* Regulate air flow.

### Non-functional requirement (The car has this quality.)

* Easy to use
* Convenient to use
* Safe for passengers
* Safety for vehicle operation
* Simplicity
* Accessibility to outside by passengers and interior by people outside.
* Allow extra room for cargo.
* Compliant with all laws. (constraint)

## The user will press the submit button when finished with the customer data entry. System: customer data entry

### Functional requirements (The system does this.)

* The system listens for data entry to end.

### Non-functional requirement (The system has this quality.)

Notes:

* The previous requirement is "the system displays fields for data."
* ?
* The next requirement is "the system stores the data."
* Possible constraint of a web site.

## The food for the meal will consist of four courses. System: a meal

### Functional requirements (The system does this.)

* Produces aroma

### Non-functional requirement (The system has this quality.)

* Temperature control
* Health
* Kitchen timing
* Socializing friendly
* Traditional ordered
* Enjoyable