Scientific Method is a Fail Fast Methodology

- A *scientific theory* is one which is *falsifiable*

- one can't prove a theory to be correct - 1 data point can only *support* a theory, but cannot prove it

- one can only disprove a theory - 1 data point can kill a theory

FDD How? Backtracking

- script everything, push a button to rebuild

- when a design fails,

  - repair requirements

  - repair the design

  - re-generate

  - try again