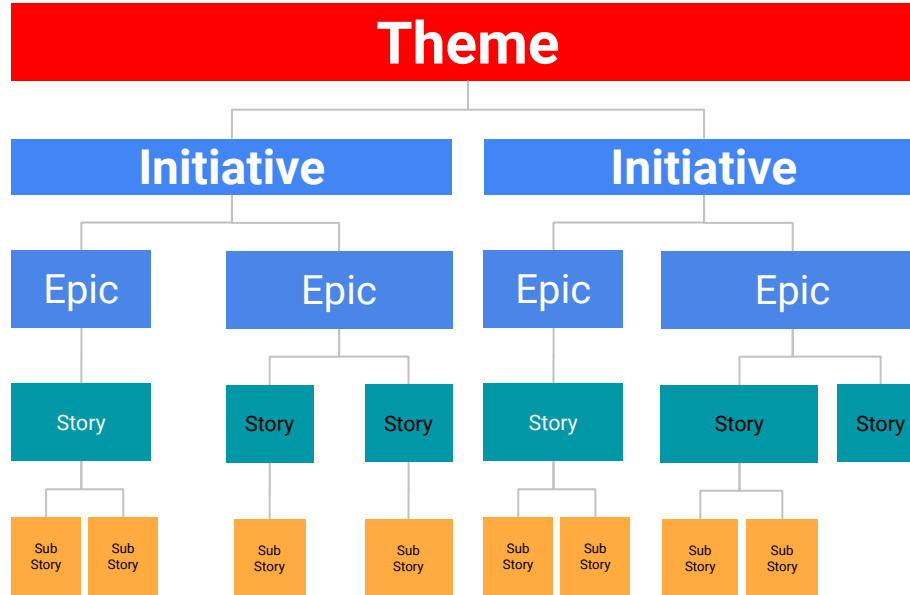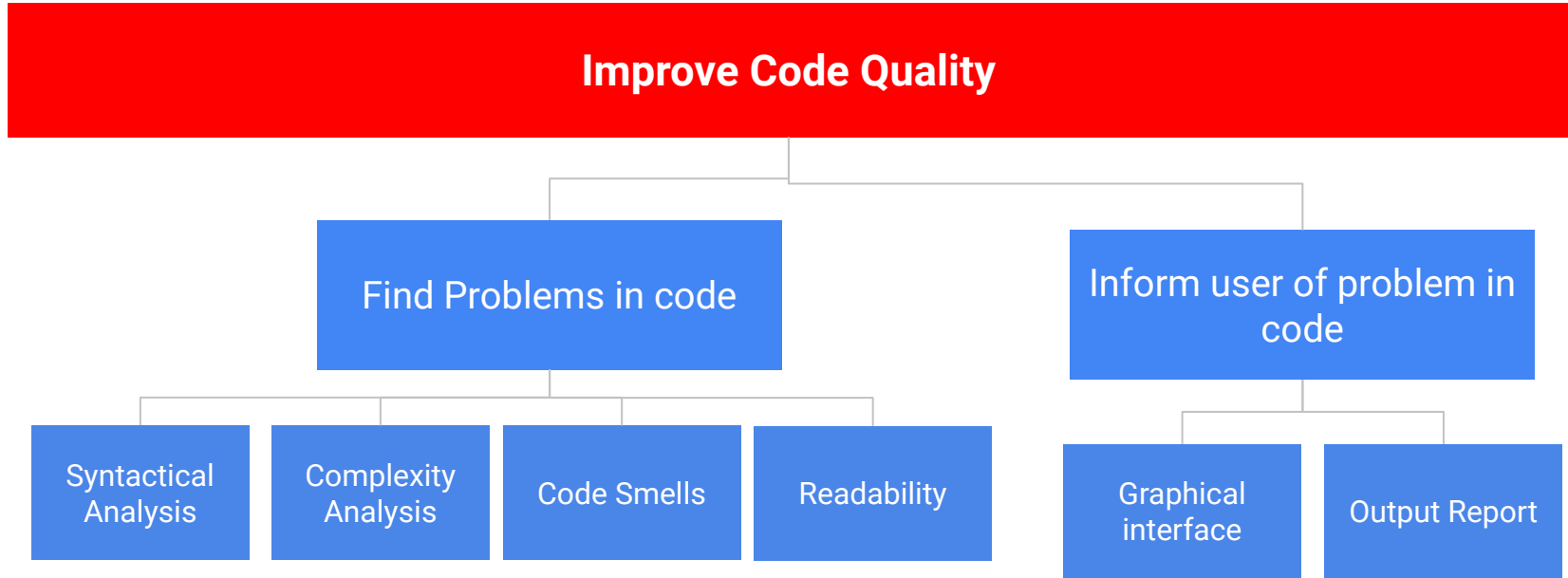# User Stories - Structure

User Stories - Theme, Initiatives, Epics

User Stories - Syntactical Analysis

As a user I want to be able to see syntactical errors in my code

As a user I want to be able to see JavaScript syntax errors

As a user I want to be able to see Java syntax errors

User Stories - Complexity Analysis

As a user I want to see the result of Complexity Measures on my code so that I can see when my code is too complex.

As a user I want to see the result of Halstead Complexity performed on my code

As a user I want to see the result of Cyclomatic Complexity performed on my code

As a user I want to see the result of Weighted Micro Function Point analysis performed on my code

As a user I want ot see the result of NPath Complexity performed on my code

User Stories - Complexity Analysis

As a user I want to see the result of Class Design Complexity Metrics Performed on my code (The Chidamber and Kemerer Metrics)

User Stories - Code Smells

As a user I want to see when code smells appear in my code

Number of lines of code in class/method/file

Number of parameters in a method

Nesting Depth of method (depth of control blocks eg: if / loops

Comment Coverage of method/class/etc

Code Duplication

User Stories - Readability

As a user I want to be able to see when parts of my code have poor readability

As a user I want to be able to see code has incorrect formatting as per the language standard

As a user I want to be able to see code has incorrect indentation as per the language standard

User Stories - Graphical Interface

As a user I want to be able to enter code into a graphical interface

As a user I would like to be able to select smaller parts of the code entered to analyse

As a user I would like to see problem parts of code highlighted

As a user I would like to see problems listed with appropriate descriptions

User Stories - Output Report

As a user I want to see a report of all the issues of a given piece of code

As a user I would like to see problem parts of the code highlighted

As a user I would like to see descriptions of the problem alongside the code

As a user I would like to be able to have a pdf of the report