Levels of Development

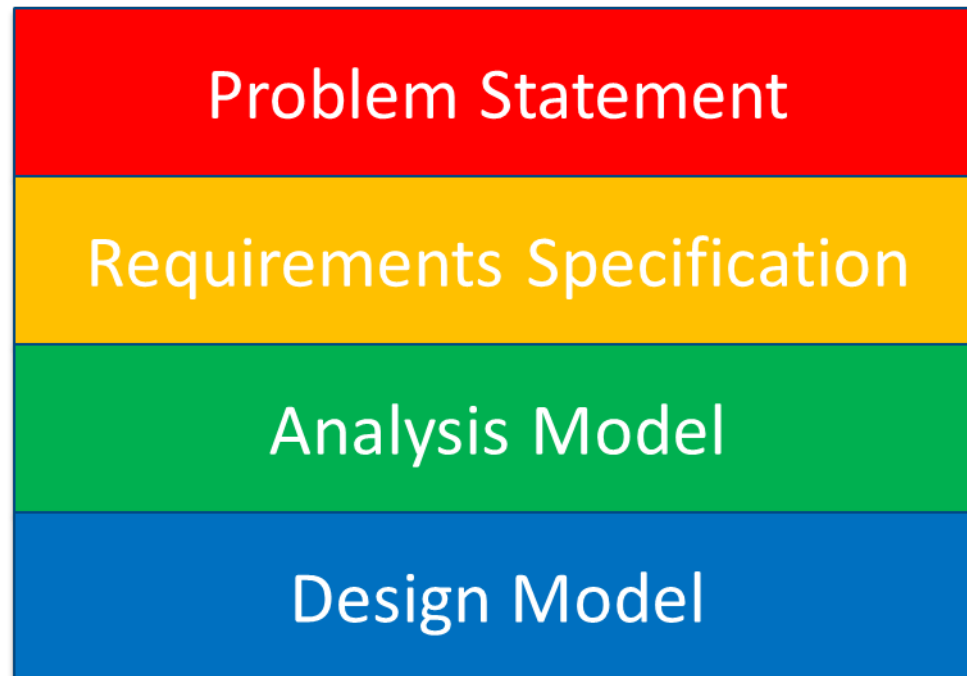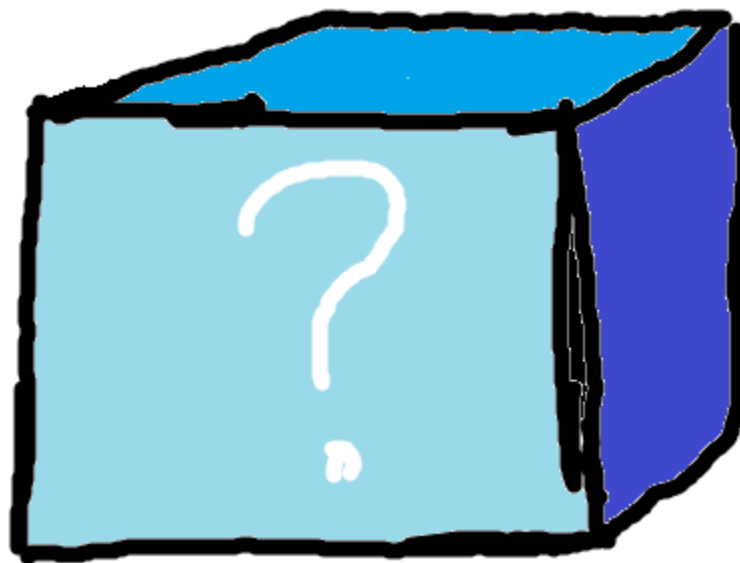| |
|---|
| Problem Statement |
| Requirements Specification |
| Analysis Model |
| Design Model |

Problem Statement

- What is the problem to be solved?
- Avoid "jumping to solution."

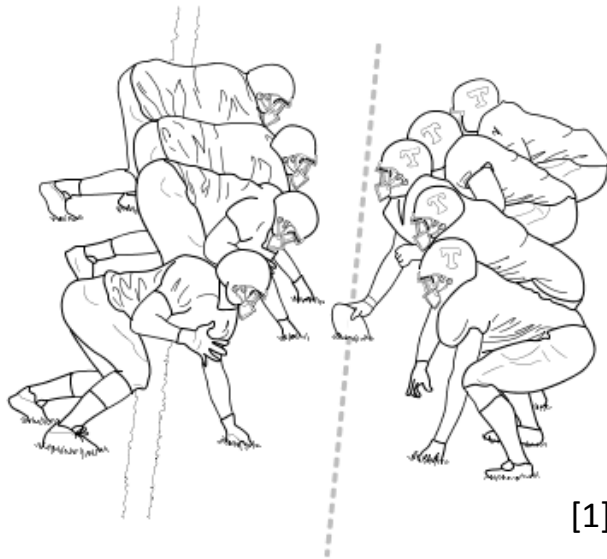# Requirements Specification
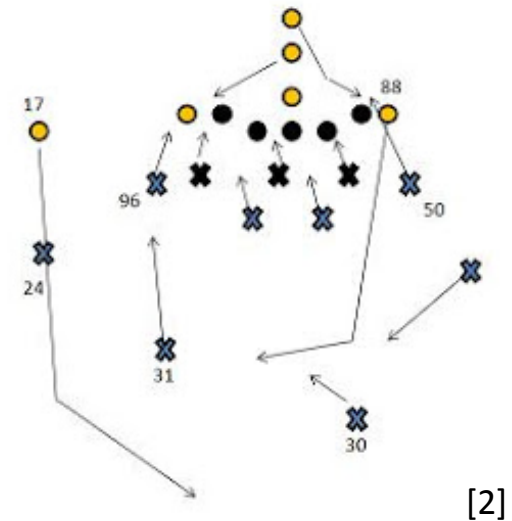
• How will we solve the problem?

Analysis Model

- Identify and specify the main data and functional components
  - Noun-verb analysis

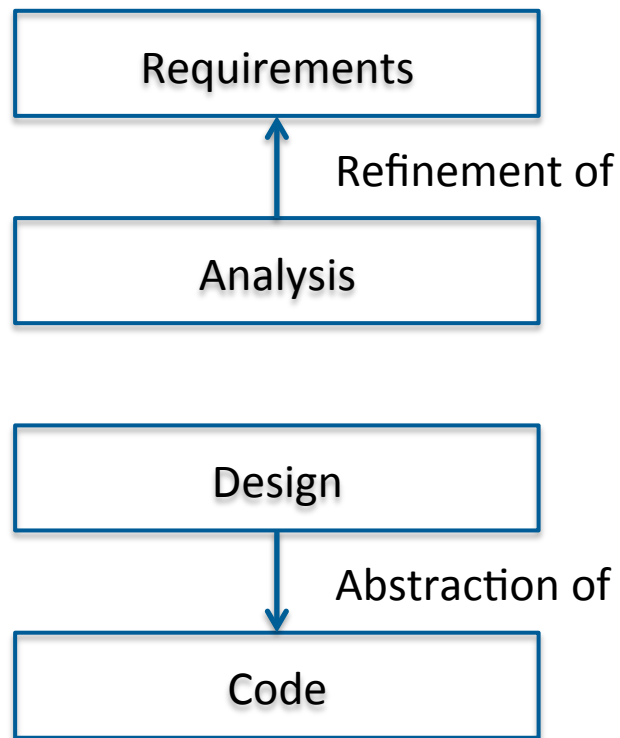# Model the Relationships

[1]

Static Models

[2]

Dynamic Models

[1] http://www.picdix.com/term.jsp?id=695
[2] http://oneifbylandsports.blogspot.com/2009/12/saints-beat-patriots-on-line-of.htm

Design Model

The Importance of Analysis and Design

"The beginning of wisdom for a computer programmer is to recognize the difference between getting a program to work, and getting it RIGHT."

-- Michael A. Jackson

Next

- Modeling the structure