

### **Requirements Phase Defects Checklist**

- D\_01 Requirements are incomplete.
- D\_02 Requirements are missing.
- D\_03 Requirements are incorrect.
- D\_04 Initialization of the system state has not been considered.
- D\_05 The functions have not been defined adequately.
- D\_06 The user needs are inadequately stated.
- D\_07 Comments

### **Design Phase Defects Checklist**

- D\_01 Is the overall organization of the program clear, including good architectural overview?
- D\_02 Does the architecture account for all of the requirements?
- D\_03 Is a coherent error handling strategy provided?
- D\_04 Have classic design patterns been considered where they might be incorporated into the architecture?
- D\_05 Is the name and description of each class clearly reflecting the played role?
- D\_06 Is the architecture designed to accommodate likely changes?
- D\_07 Comments

### **Coding Phase Defects Checklist**

- D\_01 Decision logic or sequencing is erroneous or inadequate
- D\_02 Branching is erroneous
- D\_03 There are undefined loop terminations.
- D\_04 I/O format error exists.
- D\_05 Subprogram invocations are violated
- D\_06 There is confusion in the use of parameters.
- D\_07 Comments