Lab61: V&V, inspections

Goal of this lab is to practice inspections, as a static technique for verification and validation

Context. Assume to work in an engineering company. The development office (engineering department + marketing department) has produced a description of a new product (see document HCS System documentation V5.pdf). You work in the quality department and you are in charge of controlling the document before development (design and coding) starts.

Step1 : read the document ALONE. Look for defects, and classify them in

- Omissions
- Incorrect facts
- Ambiguity
- Inconsistency
- Extraneous info / design choices
- Unrealistic / impossible

At the end of this step you have a list of possible defects, and their type.

Step2 : define a group (3-4 people). In the group, define one person as <u>moderator</u> (manages the discussions, defines the pace of the work), another person as <u>scribe</u> (handles the log of defects - use inspection-log.doc as log of defects). In the group meeting each participant proposes the defects possibly found in step1. After discussion the group decides if the possible defect is an actual defect. In this case the defect is listed in the defect log.