Code and Design inspection

Code: professormap.h (included in folder)

Authors: Chris, Henry

Managers: Max and Andy

Inspectors: Jeremy and Jaidonn

See the three 'code_review' pdf documents attached for more details regarding the inspection process. Both inspectors, Jaidonn and Jeremy, review the code individually and made notes of the issues found within the code. A final pdf was built containing the reconciled differences. Comments were added to specify the conclusion the inspectors came to for every disagreement.

Finally a numeric break down was created to better illustrate the findings.

Numeric break down of inspection results:

Total Defects found: ((Jeremy + Jaidonn) – common defects) $\rightarrow$ (12 + 12) – 9 = 15

Defect density: # of defects/lines $\rightarrow$ 15/420 = 0.011

Estimate of defects: (Inspector A x Inspector B)/common defects $\rightarrow$ 144/9 = 16

Yield: (total # of defects/ estimated) x100 $\rightarrow$ (15/16) * 100 = 93.75

Inspection rate: size/total inspection time $\rightarrow$ 420/60 = 7

Defect detection rate: #defects found / total inspection time $\rightarrow$ 15/60 = 0.25