Assignment 3. Improving code quality – Group assignment (same group as assignment 2)

In this assignment within the course "Software Quality Management" you shall improve the quality of the code selected in Assignment 2 using goal question metrics plus strategy (GQM +). The goal is to implement quality improvement based on the quality report generated in Assignment 2. Identify improvement (quality attribute), motivate why you have selected the quality attribute for improvement. What are the goals, question and metrics according to GQM.

You shall produce a written report containing the following aspects in separate sections (the percentage in the bracket indicates the weightage of each section in the assignment grading/assessment):

1. Description and justification of the identified quality attribute to be improved (40%) – Describe in detail what is the quality attribute that you want to improve. What are the code smells or bugs related to the quality attribute in the code that you reviewed in Assignment 2. Motivate why you selected the particular quality attribute to improve.
2. Implementation of GQM (60%) – Detailed description on how you implemented GQM. The goal should be explicitly identified and described. The questions and metrics should be identified and described in relation to the improvement of the quality attribute for your code.