OOSE Team Work 2:

<u>Due by 12/13/2018 (Oral presentation on 12/19/2018, 12/20/2018)</u>

Instruction:

As Team Work 1.

1. Based on the project you have done in Team Work 1, please correct the possible errors of previous project and **<u>implement 8 more new leaned design patterns</u>**. Please write the executable code in Java with annotations.
2. Highlight/mark the new applied patterns in the class diagram.

Based on the **<u>newly added</u>** design patterns, please do the following tasks:

1) Display some snapshots of the new result in the report.
2) You need to evaluate the design quality of the new design by using object-oriented quality metrics (WMC, DIT, NOC, CBO, RFC, LCOM). The figure shall be drawn like the previous provided references.
3) Create Junit test cases and Junit test suite to test one new selected class.
4) Conduct a new part of the software testing including white box and black box.
5) Please analyze the invocation chains of your new design.