

**GIT Department of Computer Engineering**  
**CSE 222/505**  
**Spring 2015**

**Homework 02**  
**Due date: March 1<sup>st</sup> 2015**

Continue your HW01 with the rest of the life cycle phases of software engineering.

- Implement your system
- Write your unit tests in Junit
- Write integration testing routines

Include sample runs of integration tests and unit test results in your submission.

Update all the necessary parts of your requirements, analysis, and design phases if you change any of them. You should make at least 5 changes in your previous homework and provide these changes. Remember, waterfall model does not work very well in real life, so there should be some changes in the initial steps.

All phases of the software development should be clearly marked in your submission. Do not use any libraries or tools other than a Java compiler, IDE and debugger.

Bonus 50 points. Design and implement your system with a GUI.