

Chemistry Laboratory

Prof. Jonathan Lee (李允中)

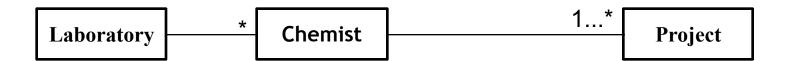
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- A laboratory has several chemists who work on one or more projects.
- Chemists also may use certain kinds of equipment on each project.
- ☐ The organization wishes to record assignDate that is, the date when a given equipment item was assigned to a particular chemist working on a specified project as well as total Hours, that is, the total number of hours the chemist has used the equipment for the project.
- ☐ The organization also wants to track the usage of each type of equipment by a chemist. It does so by computing the average number of hours the chemist has used that equipment on all assigned projects.
- □ A chemist must be assigned to at least one project and one equipment item. A given equipment item need not be assigned, and a given project need not be assigned to either a chemist or an equipment item.

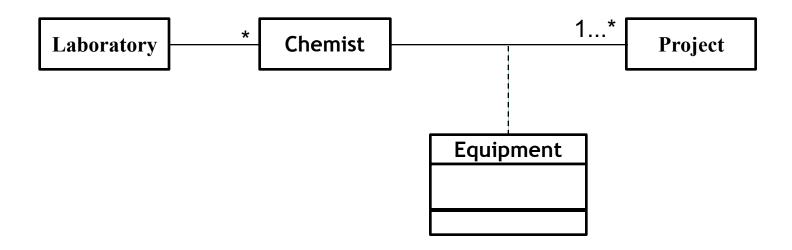


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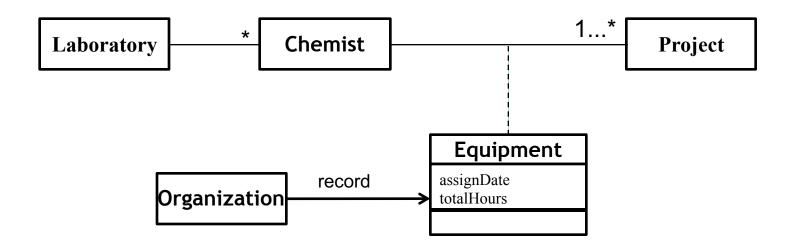


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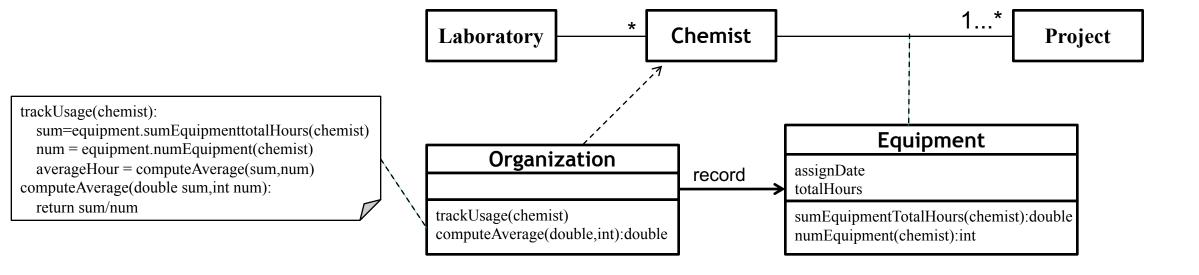


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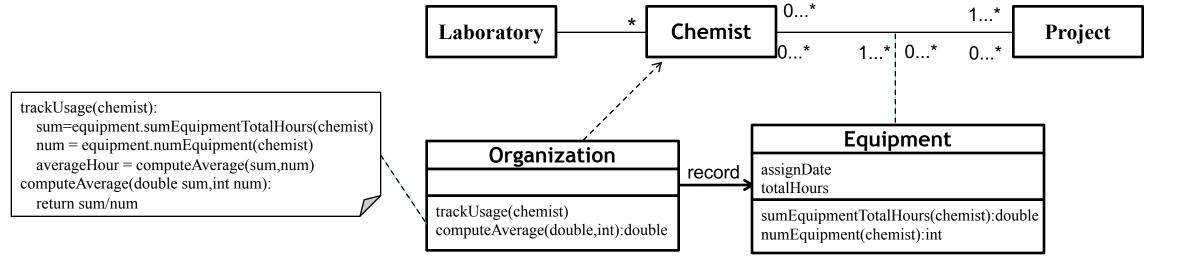


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Sequence Diagram

