CST-361 Design Patterns in Java

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**Write-Up**

There are many UML modeling tools available, for free or purchase, on the Internet. A few I’ve chosen to research is LucidCharts, Draw.io, and StarUML. I just found StarUML, and it seems to be widely available for all major operating systems with a strong ecosystem of extensions to add onto the software’s core functionality.

For this class, I will use LucidCharts. It is a mature product designed first for the browser, so there will be both an added measure of safety and storage integrity to my project diagrams. Draw.io offers similar abilities to tie into Google Drive, but it does not offer the same level of collaborative editing tools for working with a team or presenting to an audience. StarUML looks like it has a highly-extensible interface, which would be key for very technical work, likely beyond the scope of this course.

**Deliverables**

References

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author.

Daresh, J. C. (2004). *Beginning the assistant principalship: A practical guide for new school administrators*. Thousand Oaks, CA: Corwin.

Herbst-Damm, K. L., & Kulik, J. A. (2005). Volunteer support, marital status, and the survival times of terminally ill patients. *Health Psychology*, *24*, 225-229. doi:10.1037/0278-6133.24.2.225

U.S. Department of Health and Human Services, National Institutes of Health, National Heart, Lung, and Blood Institute. (2003). *Managing asthma: A guide for schools* (NIH Publication No. 02-2650). Retrieved from http://www.nhlbi.nih.gov/  
health/prof/asthma/asth\_sch.pdf