**ALEKSEY KRAMER**

**PROJECT 400 A1 (Fall of 2016)**

**Assignment: Project Life Cycles**

**1. Flow Chart**

Create a flow chart or graph of the project life cycle for a recent project you have performed, customizing the representations given in your texts to fit your project.



**The project Go/No Go Decision**

**The decision normally occurs before the project is conceived. Due to the nature of the project being narrowly focused, small scale with relatively low personal budget, having Go/No Go decision before the project starts seems to be the most convenient place.**

**List of Tasks (for AR-10 Hunting Rifle Build) to support diagram above**

1. Conception

* Determine the type of the rifle to build
* Develop budget over time
* Identify needed components

1. Development

* Detail the effort needed to build the rifle
* Develop rifle breakdown by component
* Develop parts acquisition schedule
* Acquire parts

1. Implementation

* Establish work packages and WBS
* Assemble rifle
* Functional Testing
* Reliability Testing
* Update budget (if needed)

1. Termination

* Rifle Storage Identified
* Rifle is stored

**2. Project Phases**

For a project you are or have been involved in, either at work or at home, does the project life cycle have four, five, or more major phases?

The latest project I worked on (the project was building a hunting rifle), seems to fall into four distinct phases: Conception, Development, Implementation, Termination. Just above is the rough approximation of the processes involved in the build.

I do not know why, but, in retrospect, all my home projects tend to consist of only 4 phases rather than 5. Probably, having 4 phases is easier for smaller projects than having 5 phases.