# Hanger 18 - Coding Standards

* Relevant Variable names
  + E.g. Never use ‘temp’ as a variable, even with a local function
* Short Variable names
* All member variable must start with ‘m\_’
* All member variable pointers start with ‘m\_p’
* Include units with names
  + E.g. m\_pGameCounterSec
* No special characters in variable names (excluding member variables)
  + E.g. -@#~/><
* Class’s start with a capital letter
* Functions/Methods start with a capital letter
* Global variables start with ’g’
  + E.g. gErrorLog
* Constants must be in ALL CAPS
* Enumeration must be in ALL CAPS and words separated with a \_
* Don’t Comment every function/method, only any that complex
* Follow net beans standards for comments
* Use Gotcha Keywords
  + TODO – something to do
  + BUG – known bug
  + KLUDGE – Ugly code, should be neatened up
  + TRICKY – code works but has effect else where
  + WARNING – Beware of something
  + COMPILER – May produce a complier problem
* Update change log with each change, explain if complex