NORTHWEST ROBOTICS PROGRAMMING TEAM

Programming team handbook 2013

# GitHub account

|  |  |
| --- | --- |
| User name | Password |
| Jagbot4638 | 642sgaj |

# FRC Bridge Configuration Utility

|  |  |
| --- | --- |
| Team number | WPA Key |
| 4638 | vlovejag |

# Code names+contact info

|  |  |  |
| --- | --- | --- |
| Actual name | Code name | Email |
| Saagar Ahluwalia | soggy.potato | soggy.potato@outlook.com |
| Alex Guerra | Silver X | silverx@verizon.net |
| Vyshakh Kandamath | AgentOrange | vyshakh.kandamath@gmail.com |
| Kevin Tello | Tell’em Tello | kevinmartintello@gmail.com |
| Trae Hurley | RG3 | traehurley@gmail.com |

& Jitesh

Use the code names for checkins.

# Conventions

Do not share any classified information with other members of the team.

## Naming

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Classes | Public class members | Private class members | | Control names | Indicator names |
| Sentence case | Sentence casing (i.e. “Activate motor”) | Phrase casing (i.e. “activate motor”) | Sentence case | | Sentence case |

Write a short form version of the name in the VI picture. Use clear pictures if possible.

### Never use…

* Pascal case (ActivateMotor)
* Camel case (activateMotor)
* Underscores (active\_motor)

## Commenting

* Comment above every loop explain what it does
* In every VI, place a comment with the title
* Edit the VI description in the VI picture dialog
* There should be a comment inside of every VI that describes what it does in plain English
* Comment above every case structure describe its purpose

## Commit message

### Message body

* Explain every single change made to every single file
  + Plain English descriptions that a non-programmer could understand
* Use bullets
  + Use dashes as the bullet character
* No paragraphs
* No abbreviations

### Message title

* Short, succinct and concise
* Summarize the changes made for this commit

# Source control explained HOMEWORK

Look up what source control is. Understand what it is. Learn what GitHub is.