## CrowSoft Sprint0 Report

CSOFT Sprint 0 - Analysis and research for tools and processes for new CrowSoft project. Provide plan for product owner and team for coming weeks.

Analysis & research findings

**VMs to be set up for Development Environment**

* VM 1 to Host Jenkins and continuous integration suite
* Running on Ubuntu 16.04
* VM2 to host Application and DB
* Running on Ubuntu16.04
* Application language C# running on .NET
* DB MySQL

**Reasons given not to use suggested NixOS**

* Take a very long time to skill up and install (No one has any experience on NixOS)
* NixOS doesn't use standard Linux commands
* Limited documentation or google seaches available. (NixOS Manual is incomplete)
* You cannot simply upgrade the kernel. a new kernel will have different packages and dependencies
* NixOS is not Cloud ready – doesn’t support AWS instance type like m5.\*.
* NixOS and Ubuntu disk space is not much different. NixOS uses more space for package manager.

**Managing Workload**

* Estimation established on each team member contributing 10 hours per week
* Using the Fibonacci sequence 1 = 2hrs, 3 = 4.5 hrs, 5 =10 hrs, 8 needs to be broken down

**Moving Forward**

CSOFT Sprint 1 - Setting up Infrastructure - Development VM to Host Application & DB - Jenkins VM

Duration: 01/Mar/19 10:05 PM - 11/Mar/19 9:27 PM

Burndown Chart





