**Evaluation Criteria**

Ease of Installation:

* How easy is it to install each CI

*Semaphore*: Semaphore is installed by linking your Github account, where builds and tests are hosted on “Semaphoreci.com”.

*Jenkins*:

*Travis*:

How Intuitive is it:

* Is it GUI Based or Terminal based?

*Semaphore*: Semaphore is hosted on semaphoreci.com. The GUI is a webpage.

* If it’s GUI based:
  + How difficult is it to navigate
    - Does it have a lot of sub-menus

*Semaphore*: Semaphore doesn’t have many sub-menus, and only serves as to tell the user what happened during the build and testing of a commit.

* + - If you make a mistake how easy is it to revert?

*Semaphore*: Semaphore is linked with Github, so changes can be rolled back via Git.

* + Does it cause visual overload?

*Semaphore*: No, pretty easy to understand and navigate.

* + How is the look and feel

*Semaphore*: A sleek modern webpage look.

* If it’s Terminal based
  + Are the commands well documented?
  + Are the commands verbose?
  + Are the parameters clear and understandable?

Is it well documented:

* Do all the functions of the CI have relevant documentation?

*Semaphore*: There is in-depth documentation on semaphoreci.com. The docs are well formatted, but are lengthy and separated by topic, which may be difficult to quickly skim though when troubleshooting.

* Is the documentation comprehensive?

*Semaphore*: Yes.

* Is the documentation useful?

*Semaphore*: Yes.

* Is each piece of documentation easy to understand?

*Semaphore*: Reading through Semaphore’s documentation requires a little knowledge of CI’s – not too “dummy”/new user friendly.

How quick is it to build and test?

*Semaphore*: Semaphore hooks into Github, and builds/tests the program on their own servers – very quick, depending on the user’s internet speed.

Is it open or closed source?

*Semaphore*: Yes.

What are the system requirements:

* Does it require much memory?

*Semaphore*: No, only requires as much memory as a web browser.

* Does it require much disk space?

*Semaphore*: None, Semaphore runs in a browser.

* What operating systems does it support

*Semaphore*: All.

* Can it be hosted locally?

*Semaphore*: No, Semaphore is hosted on a server.

* Can it be hosted remotely?

*Semaphore*: Semaphore is hosted remotely by default.

How well does it scale:

* Does it work well for small scale projects?

w.i.p.

* Does it work well for large scale projects?

w.i.p.