**Installation and Usage of SimpleCov:**

* Add SimpleCov to your Gemfile and bundle install

gem 'simplecov', :require => false, :group => :test

* Load and launch Simplecov at the top of your spec\_helper.rb file

require ‘simplecov’

SimpleCov.start

* If SimpleCov starts after our application code is already loaded, it won't be able to track our files and their respective coverage!
* The "SimpleCov.start" must be issued before any of our application code is required this serves as the reason of writing it in spec\_helper.rb file.

**Installation and Usage of Rubocop:**

* Add Rubocop to your Gemfile and bundle install :

gem ‘rubocop’, require: false

* Pass rubocop a list of files and directories to check and save the output in :

rubocop app/controllers/home\_controller.rb -o rubocop\_home\_controller.txt

* Using above mentioned commands our team has employed the input files to generate the following output files inside our repository:

1. rubocop\_home\_controller.txt which corresponds to Dashboard module.
2. rubocop\_lead\_controller.txt and rubocop\_lead\_model.txt which corresponds to Lead module.
3. rubocop\_task\_controller.txt and rubocop\_task\_model.txt which corresponds to Task module.
4. rubocop\_users\_controller.txt and rubocop\_users\_model.txt which corresponds to User module.

**Selenium Reports:**

bundle exec rspec “/path/to/spec/file” –format html –out “/path/to/output/file”

**Rspec Reports:**

* Install Rspec Report Formatter

gem 'rspec\_html\_formatter','~> 0.3.1'

* Usage

rspec -f RspecHtmlFormatter “/path/to/spec/file”

**Installation and Usage of metric\_fu**

* Execute the following command to install the gem metric\_fu :

gem install metric\_fu

* Execute the gem using the following command

metric\_fu --out “/path/to/output/file”

**Installation and usage of Rack-mini-profiler**

* Add rack-mini-profiler to your gemfile and bundle install

gem ‘rack-mini-profiler’

* Ss

**Installation and Usage of GitStats**

* Install GitStats using the following command

apt-get install gitstats

* Execute GitStats using the following commands

gitstats “path/to/repository” “path/to/output”

sensible-browser ‘path/to/index/file/from/output/folder’