Abstract

The main objective of this project is develop a web application to manage cost evaluation, that is to say, we can control the recipe production cost. To do this I will use Cloud Servers, in particular Google Cloud Platform, however, by some of the restrictions that showed, which I will explain later, to make this project I used other platforms as a service (SaaS). I used agile software methodology based in test-driven development (TDD). I used Sinatra framework (ruby) to develop the application, integrate APIs and use several production environments at the same time. I used support tools to develop the software like Github and Travis, among others.

Keywords: recipe production cost, Cloud, SaaS, TDD, API, Github, Travis.