

# Salesforce Test Org Manager

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## 1 About Salesforce.com

Salesforce is the innovative company behind the worlds #1 CRM solution. Our software is cloud-based, so it doesnt require a team of IT experts to set up or manage you just log in and start using it.

## 2 The Project

As someone in R&D at Salesforce, we accumulate many logins across various environments that quickly become hard to manage. We have a huge multitude of features that sometimes need to be manually tested, verified, or debugged, across a handful of environments spanning our different code-line versions. We quickly become overencombered trying to remember logins, which features are enabled, and on which environment they exist. Some opt to use lastpass to aid this management but because of the volatile nature of these logins and lack of feature-tailored information, lastpass isn't a complete solution.

At Salesforce, we've been working on improving the experience for Developers who write applications and components on our platform. The SFDX project includes a CLI to manage local code and its pathway into the production instance. In part of doing this, the CLI manages your login(s). I'd like to see if we can utilize this feature to manage various unrelated logins to internal test environments.

The final form of this manager is pretty flexible. It could be a web-app on Heroku, it could be a browser extension, or maybe a desktop app. The primary goal is for it to be easy to use, even for non-developers.

## 3 Desired Technologies

- Language: Heroku supported languages (for back-end): <https://devcenter.heroku.com/categories/language-support>
- Standard Web Stuff: HTML, CSS, & Javascript
- Databases: Possibly none, or maybe a free option on heroku <https://elements.heroku.com/addons#data-stores>)
- SCM: git to manage the project on github

## 4 Team Requirements

- Recommended team size: 2-4
- Each team-member would be asked to sign an NDA with Salesforce.
- Work can be performed anywhere, but we will at least give a tour of the Salesforce office in Louisville.
- Preferred communications are over email and/or hangouts video conferences.