

Assignment 6 - Open Source Software: Final Project Implementation

CSC 415 Fall 2019 – Jordan Sinoway

Project Title: SOLVER (Student On-Line Voter Engagement and Registration)

GitHub Repository: <https://github.com/jbennet-t/SOLVER>

VM: sysadmin@csc415-server20.hpc.tcnj.edu

Website Hosted on VM: <http://csc415-server20.hpc.tcnj.edu:3000/>

Pathname: /solver/src/test2

Expected Environment

Windows, Linux, or Mac OS, with at least Ruby 2.6.4 and Ruby on Rails 5.2.3 installed, as well as Git.

Installation Instructions:

1. Open link to above GitHub repository
2. Open terminal window
3. Navigate to directory you wish to install the repository in
4. Type `git clone https://github.com/jbennet-t/SOLVER.git`
5. Navigate to pathname above: `cd /solver/src/test2`
6. Type `rails bundle install` to install the necessary ruby gems
7. Type `rails db:migrate` to migrate the database
8. If you are running locally, type `rails s` to run the server. You can now navigate to the running web app at <http://localhost:3000/> in your browser.
9. If you are on a server, type `ip addr show eth0` to show your address. Then type `rails s -b 10.18.6.XX -p 3000`. The XX will be replaced with whatever was shown as the last digits of your IP address. (For example, server20 will be `rails s -b 10.18.6.20 -p 3000`). You can then navigate to your server in your browser (ex: <http://csc415-server20.hpc.tcnj.edu:3000/>.)

Usage Instructions:

1. Log in/sign up as either admin or user (admin@example.com , password)
2. If admin, add, delete, edit, or view details of elections and candidates
3. If user, view details of election and candidates, and information about how to register

Known bugs, issues or limitations:

- Admin account does not seed on new installs, so admin account must be re-setup each time
- Association bug, where election has candidates associated with it, but they are not displayed on the page in the details
- Search bar does not narrow list correctly
- General layout and HTML/CSS fixes necessary