Introduction

Project Abstract: To ensure the functionality and user acceptability of critical web pages and use cases using fully automated testing suites.

What is test automation

Test Automation is a system of software that control and execute test suites then report on the outcome

Automates repetitive but necessary tasks

A critical part of continuous integration because our website and applications are constantly updating

Provide real-time and scheduled(every day) reassurance that our web pages and functions are working properly

For Example: Make Donation page and membership join page

Significantly reduce the amount of time the developer team spends on testing functionalities

Eliminate the need for the developer team to manually check existing web pages for unexpected changes

And you know how advertisements say “with one click of a button?”

Well our system does Do all of the above with NO click of a button!

Choosing stuff

Many possible directions to take to achieve test automation goal

Numerous similar technologies and services available

Some had too many complications for the returns

And out of many there were two.

Two that fitted our needs perfectly and handles with just enough agility to evolve with the department and our tasks.

Codeception and backstopjs