



# **ZACH'S DECK ASSIGNMENT**

**FINAL INTERVIEW**



# The Good(r)s

Goodr Popup Component Repo (github)

Component Preview  
pw: zach

# This Town Ain't Big Enough...



**Eliminating Cowboy Coding - Testing, Validation & Release**

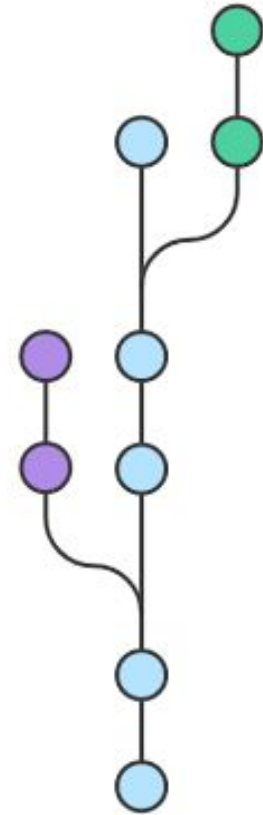
# Finding the Flow

## Version Control

Version control ensures that the development cycle remains clean, documented and well-tested. A git history and branching flow makes it possible to track changes, enables peer review, and revert if needed.

### BRANCHING:

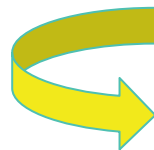
- **Feature branches**
  - Development takes place in local environments without conflicts
  - Code pushes trigger Github Actions and automated test steps
- **Develop branch (staging)**
  - A staging environment that can be manually tested for quality and best practices before pushing to production
- **Main branch (production)**
  - A branch connected to the live theme via Shopify Github integration
  - Changes are synced automatically





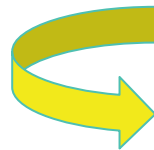
# Is This Thing On?

## Testing & Validation



### Development

Developers test their feature in a local environment, write unit tests for js and ensure that no regressions are created and component is responsive, accessible and useable.



### Push: Github Actions

Upon code push, automated shopify theme check & unit testing command via Github Actions catch errors and best practices early.

Possible to create an unpublished theme for QA to preview and test, and delete on merge to main.

### Pull Request: Code Review & QA

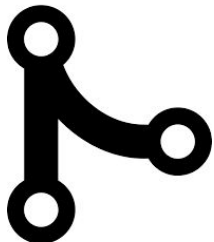
Peers review code and preview theme testing for useability, responsiveness, accessibility, regressions and editing capability.

# Send It...

## Component Release Strategy

### Step 1

Code is merged to a live theme (main branch/production) with an already tested and implemented active/inactive toggle in its inactive state.



### Step 2

Manually trigger the component via the activation toggle during low traffic hours.

OR

Automate a Github Action to push code to main branch with toggle active.



### Step 3

Concerned teams are notified of changes via Slack or other channels.

Documentation is updated and sent out with instructions, technical details etc.



### ...or nah (Rollback)

Deactivate enable toggle to in the editor

Git revert to a previous commit

Keeping the previous theme in the Shopify Library as a backup



# Power to the People

## Communicating Changes

### TECHNICAL DOCS:

- Comprehensive technical README in Github covering installation, development, use cases, and gotchas
- Teams: Systems team, UI/UX Designer

### WIDER TEAM DOCS:

- Non-technical documentation for adding and customizing the modal within the theme editor. Focus on what configurations are available and how to use them.
- Teams: UI/UX Designer, theme editors, QA testers

### NOTIFY CHANNELS:

- Communicate raised PRs and merges in Slack or other more instant channels so updates are timely and issues are addressed early.

