GA Building Modular Content

# Design System
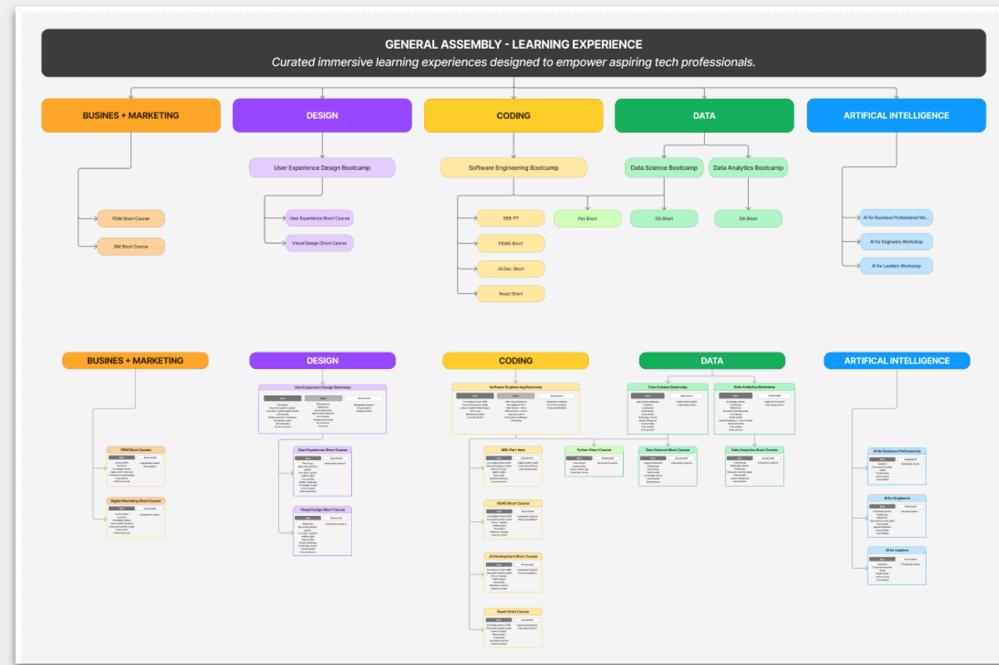
# What is the LX Design System?

The LX Design System is what is used to create stylistically unified products following the Style Guide provided by Marketing.

It has robust notes throughout to provide guidance on how and where to find various resources to develop learning material.

It is important to know that this is a living document which means that it is being updated by the LRD team as needed.

# How to Use It

**Start with <u>Learning Team Templates</u>**

The templates will be used to create content in GitHub, Google Slides, and Canvas. All templates are linked and ready to be used.

The LX Design System is robustly built out with all templates and broken into six sections including documentation, non-coding lessons, coding lessons, video lessons, assessment, and Canvas. Each section has detailed, annotated notes that explain how to use the template and the styling conventions to follow.

# How to Access It
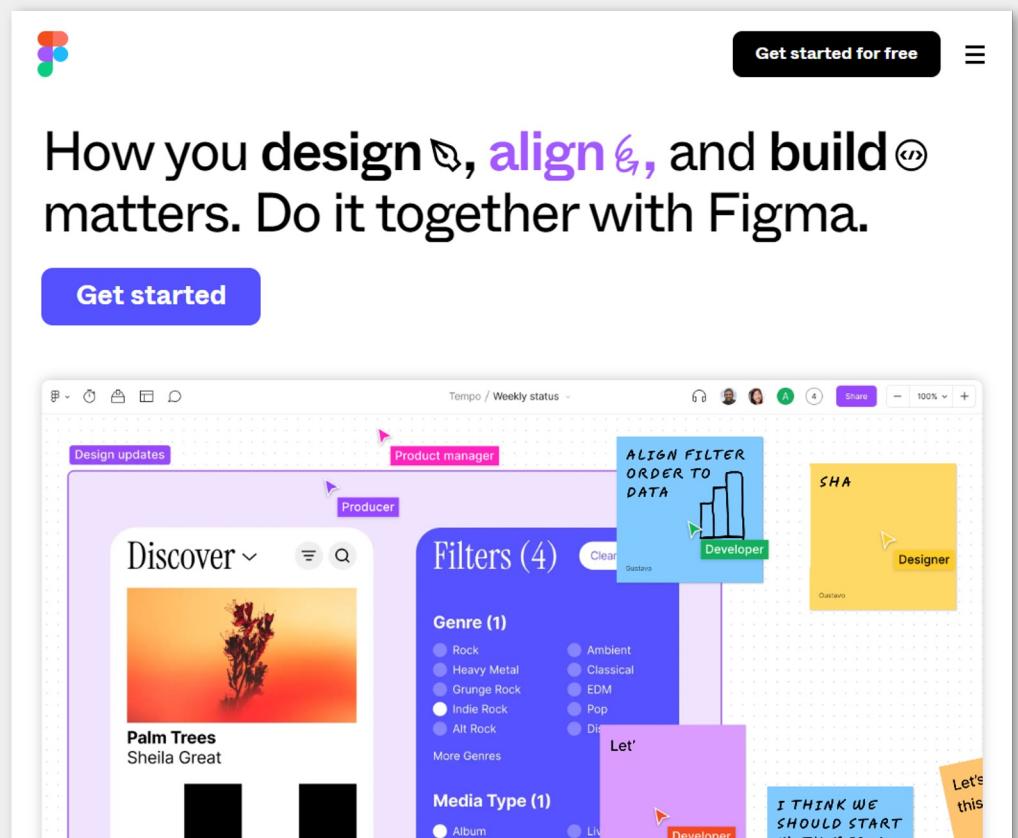
**Step 1:** Make a **Figma** account using your General Assembly email. You will only be using Figjam and need view access.

> *What if I already have one but with my personal email account?*
>
> Please use your General Assembly email, so we can provision you a view licence.

**Step 2:** Open up the **LX Design System**.

**Step 3:** Check out the templates and begin opening up what you need and reviewing the necessary sections.

# Designing Coding Courses in GitHub

# What is Modularization?

Modularization is the process of creating modules of content that can function independently from other modules of content.

A module is a **self-contained package of instruction focused on a specific topic or skill.** Think: JavaScript Arrays, Python Functions, JWT Authentication in React.

All technical modular content lives in the [Modular Curriculum All Courses organization on GitHub Enterprise](#).

# Why Modularization?

Modularization allows us to build courses more quickly by enabling us to reuse the same content across multiple courses.
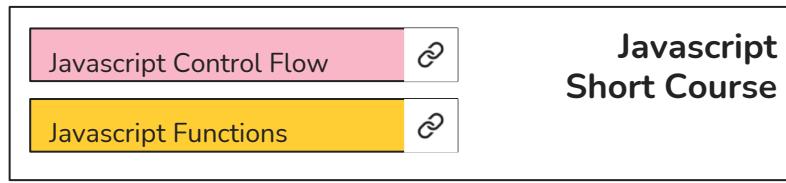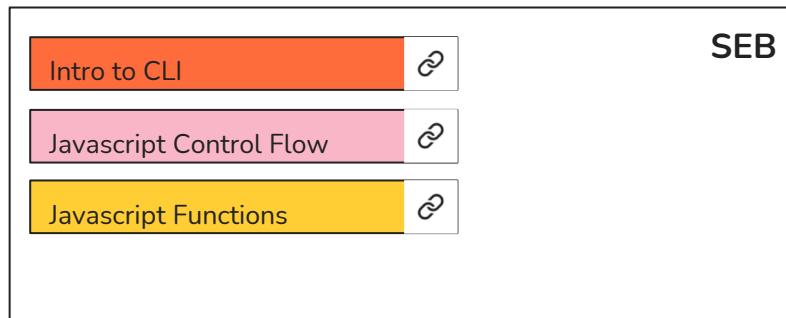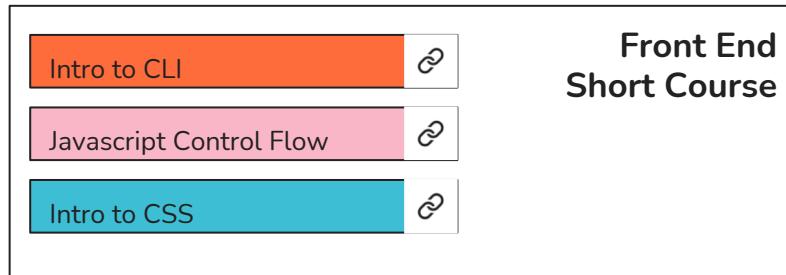
Instead of duplicating the same content across multiple accounts/organizations and iterating on each piece of content individually, modularization enables us to build the content once and reuse it in multiple places.

If the content needs updates, then all courses that use that content benefit from the updates simultaneously.
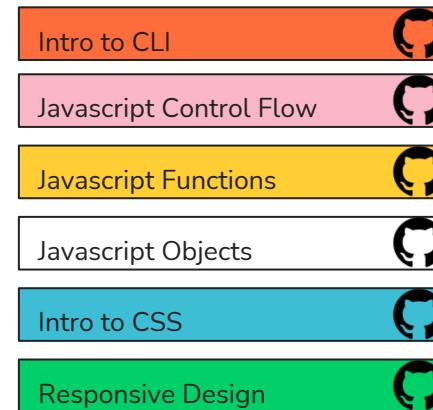
# Modules are Reusable *Repos* of Content

**GitHub**

## Modular Courses

### Front End Short Course

| Intro to CLI | 🔗 |
| Javascript Control Flow | 🔗 |
| Intro to CSS | 🔗 |

### SEB

| Intro to CLI | 🔗 |
| Javascript Control Flow | 🔗 |
| Javascript Functions | 🔗 |

### Javascript Short Course

| Javascript Control Flow | 🔗 |
| Javascript Functions | 🔗 |

## Modular Curriculum All Courses

| Intro to CLI | |
| Javascript Control Flow | |
| Javascript Functions | |
| Javascript Objects | |
| Intro to CSS | |
| Responsive Design | |

# Modular Curriculum All Courses Org

Contains all modular repos for all modular courses. (over 350+ repos and counting)
No content should live outside of this org.
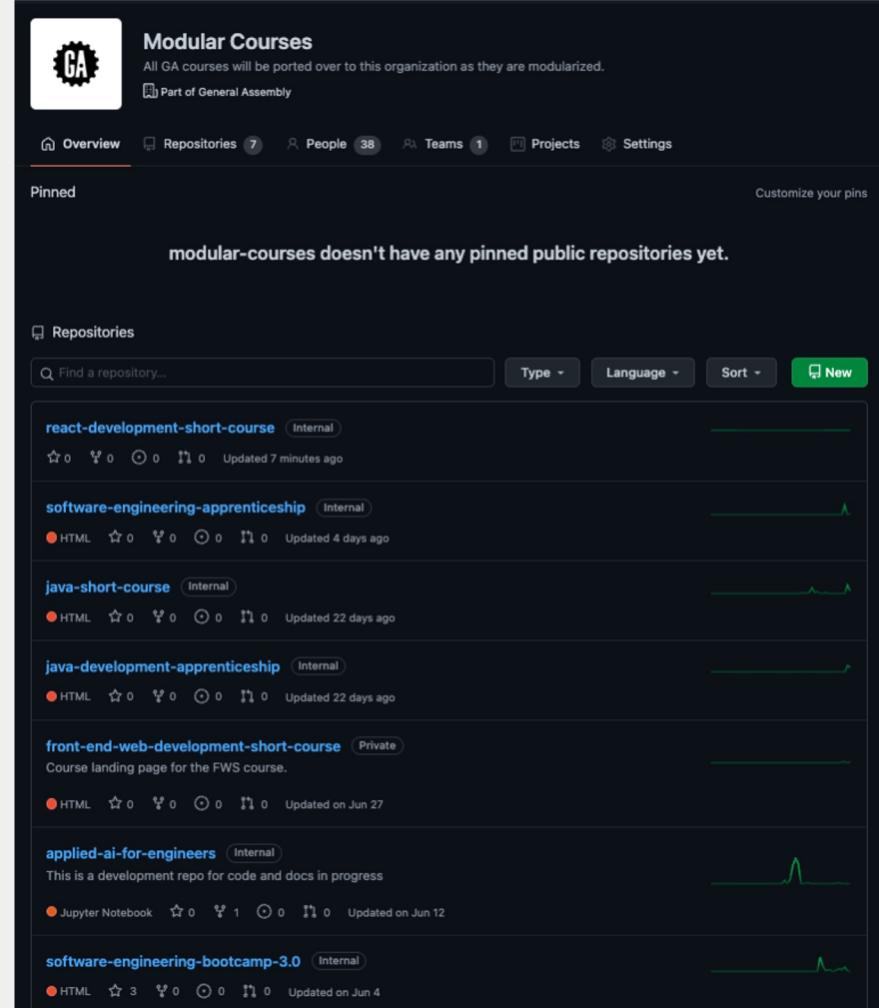
These are internal repos. In most cases, direct repo links should not be shared with students. "Starter code" repos are the exception.

Students interface with all content via iframes in Canvas.

This is an open org for all Instructors, IMs and LEDs to join.

[View the Modular Curriculum All Courses org in Github Enterprise](#)

# Modular Courses Org

Contains one repo for each modularized course we offer.

These are internal repos- resources for instructors and LEDs, not intended for students.
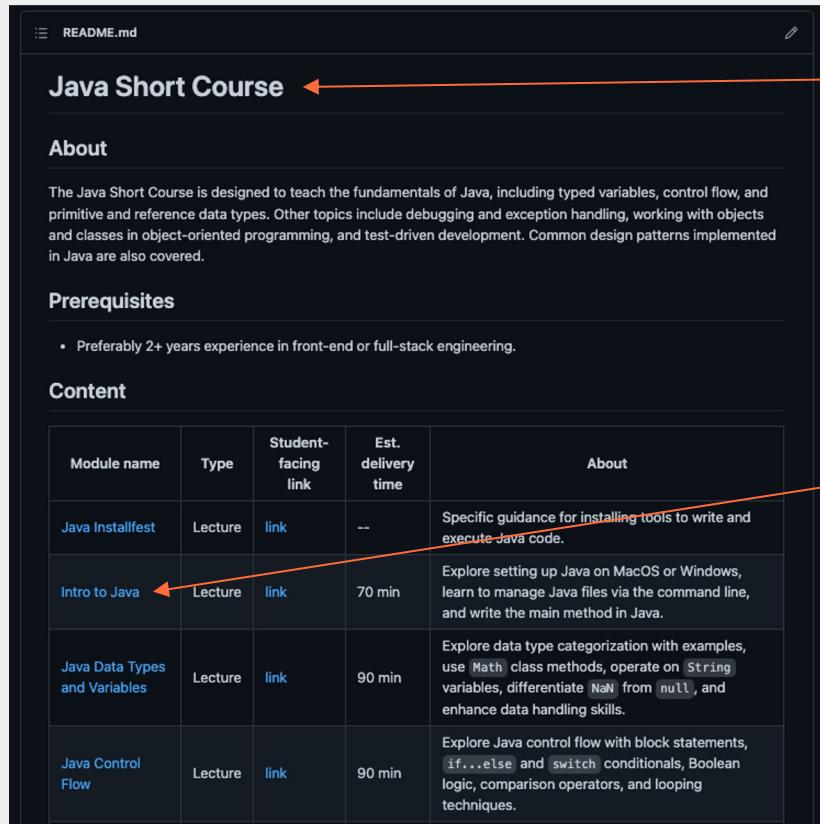
Students interface with all content via Canvas.

This is an open org for all Instructors, IMs and LEDs to join.

View the Modular Courses org in Github Enterprise

# Building Modular Courses



Each course should have its own repo in the **Modular Courses** org. This repo serves as a "table of contents" for all course materials.

These course pages can be forked by instructors to add custom cohort specific info such as instructor names, course times, or slack channels.

Modules are *linked* in the main **README.md** for each course.

# Module Templates

Get started creating new modules with these templates:

- [Lesson Modules](#)
- [Lab Modules](#)
- [Project Modules](#)

# Creating New Modules in GitHub

All content creators building in Github need to build using our prescribed structure and using our templates for modular content.



**Access Our Guide at:**

https://generalassembly.atlassian.net/wiki/spaces/learningteam/pages/3962535976/Creating+Modular+Content+in+GitHub