**Teacher PD Course structure**

**Course 1 and 2 content :-**

* Introduction to Git and Version Control Systems
* Getting Started with GitHub (Dashboard, Profile, Settings)
* Using GitHub to Collaborate and Retrieve Code
* Creating Repositories and File Uploads
* Branches and Pull Requests

**Course 3: Introduction to GitHub Classroom**

* This course will cover what GitHub Classroom is, how to set up a classroom with TA’s and admin, create an assignment, and share assignments with students. GitHub Classroom enables classroom facilitators (teachers, instructors, faculty, teaching assistants, and more) the ability to manage students, assignments, grading, and feedback while exposing students to industry level workflows and technologies without time consuming assignment set up. It leverages GitHub from the start, ensuring students will learn a variety of technological skills passively and actively by interacting with GitHub through Classroom.

**Course 4: Online IDEs and Review in GitHub Classroom**

* This course will go over setting up assignments with online editors such as Visual Studio Code (VS Code), review the student experience, and review assignments as a teacher. Setting up assignments to use editors will ensure students can learn about the various text editors that exist and engage with them as if in industry settings--different industries have different editor preferences! Industries also often use a number of extensions to make their workflow easier, making VS Code and its extensions a useful tool in preparing students for the workforce. Additionally, the use of online editors like MakeCode makes the classroom and its assignments accessible, particularly in the case of classrooms that reach students with different constraints such as storage limitations, restricted access to programs, and more