

Project Title:

Advance Development Factory

Project Description:

University of Maryland Global Campus (UMGC) has been looking to solve a problem that spans between classes as more and more students move to remote learning. The resources that they have access to do not always permit a fully established development environment. For these reasons they are looking for a means to bring the fully established development environment to the student with minimal impact on the environment used by the student. The advanced development factory (ADF) will serve this purpose. The Advanced Development Factory will give the student access to the development tools they need in order to provide a code, build, and test experience that any developer would expect to have. This means that ADF needs to be operating system agnostic and support a wide array of projects, frameworks, and languages. ADF will provide this flexibility to students and remove the barriers currently placed on them by their environments.

Semester Term:

Summer

Semester Year:

2021

Project Website:

<https://github.com/umgc/umgc.advance.development.factory>

GitHub:

<https://github.com/umgc/umgc.advance.development.factory>

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Attached Files:

SRS Resubmit - IEEE 830.pdf

SWEN 670 Summer 2021 DevSecOps Programmer's Guide.pdf

SWEN 670 Summer 2021 DevSecOps Project Plan with Test Plan.pdf

SWEN 670 Summer 2021 DevSecOps Runbook.pdf

SWEN 670 Summer 2021 DevSecOps TDD added Test Plan.pdf

SWEN 670 Summer 2021 DevSecOps Test Report.pdf

SWEN 670 Summer 2021 DevSecOps User Guide.pdf