Pair Project 1

CSC1020 Systems Analysis

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Adam: Hello and welcome to the presentation of our Pair Project for CSC1020 Systems analysis. My name is Adam Tait,
Cormac: and my name is Cormac O'Toole.

System Developer

Cormac: Today we will be discussing the topic of system developers.

Overview

System

System Developer

System Development Life Cycle

Cormac: We will start by asking: what is a system? what is a system developer? And how does a system developer contribute to the system development life cycle?

System

Adam: First, we will look at systems.

What is a System?

Source of Information

- Documentation
- Requirements
- Limitations

Automated Programs

Programs for testing

Programs for maintenance

Adam: What is a system?
A system can be any relevant source of information, such as documentation for code, user requirements, stakeholder requirements, system limitations, budget limitations, and so on. Other systems can be automated programs. These programs can be for: testing newly developed features before they are made public to ensure there are no bugs and that the feature adheres to all of the project's guidelines. They can also be for maintaining the quality of those features once they have been made public, such as automated crash reports and other monitoring tools.

What is a System Developer?

Cormac: So, what is a system developer?

System Developer

A person responsible for developing systems that are hidden from users but that ensure an organisation runs smoothly.

Cormac: Put simply: A system developer is someone whose job it is in the company to develop these systems in a way that enables the organisation to run smoothly.

The System Developer's Role

- Discussing the system requirements

- Proposing solutions

- Building applications

- Gathering, verifying, and responding to user experiences (positive and negative)

- Managing the system life cycle

Cormac: Their responsibilities include: Discussing the requirements of the systems with colleagues and end users, Proposing solutions with the help of co-workers, Building applications using a variety of scripting and programming languages, Gathering, verifying, and responding to: user experiences, both positive and negative, And managing the lifecycle of the system.

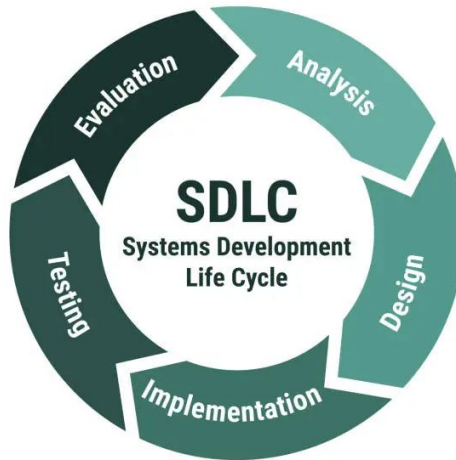# The System Developer in SDLC

Adam: The system developer in SDLC

SDLC

System Development Life Cycle

A methodology that defines the entire procedure of software development step-by-step.

Adam: SDLC refers to the software development life cycle. It is a methodology that defines the entire procedure of software development step-by-step.
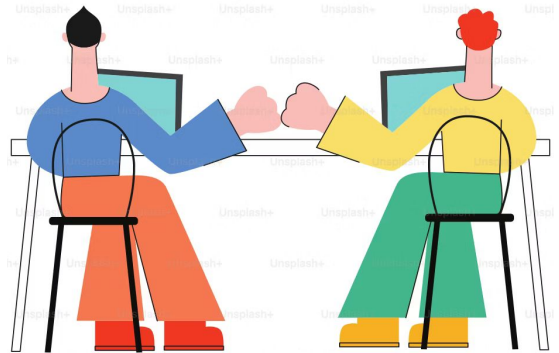
System Development Life Cycle

Adam: It begins by evaluating and analysing the requirements of the system, designing and implementing practical solutions to meet these requirements, testing and maintaining the features which have been implemented, and ultimately repeating this process for the entire duration of the project's development.

It is the job of the system developer to oversee the execution of this process and ensure its success at each and every stage.

Thanks!

Adam Tait - A20303733
Cormac O'Toole - 21761

Cormac: Thank you for your time, and we hope you learned something from our presentation.

Sources

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