Introduction to GitHub and Design Thinking

GitHub

- In simple words, GitHub is a website and tool that helps people work together on projects, especially coding projects. It allows users to store their code in one place, track changes made over time, and collaborate with others by sharing those changes. Developers can work on different parts of a project at the same time, suggest improvements, and review each other's work before it gets added to the main project.

- In short, GitHub is like a shared workspace for coding, where teams can easily manage, organize, and improve their projects.

Examples of GitHub

https://github.com/aisyahruzi

https://github.com/drshahizan?tab=repositories

https://jocelyn0404.github.io/assignments.html

Design Thinking

- Design thinking is a problem-solving approach that focuses on understanding the needs of people and creating solutions that meet those needs. It involves thinking creatively and coming up with ideas, testing those ideas, and making improvements based on feedback.

- The process typically has five steps:

1.Empathize: Understand the problems or needs of the people you're designing for.

2.Define: Clearly define the problem you need to solve.

3.Ideate: Brainstorm and come up with creative ideas to solve the problem.

4.Prototype: Create simple versions of the solution to see how it might work.

5.Test: Try out the prototypes, get feedback, and improve the design.

- In simple words, design thinking helps you create better solutions by focusing on the people you're designing for and constantly improving based on their feedback.

Examples of Design Thinking Project

https://www.youtube.com/watch?v=vkU_vK8kg8A (bookworms link)

https://www.youtube.com/watch?v=Q8YgBeQIaGw (smart campus applications)

https://youtu.be/cZAL4Etp4-s (smart money)