What is Agile?

- Agile is an iterative approach to project management and software development that helps teams deliver value to their customers faster and with fewer headaches. Instead of betting everything on a "big bang" launch, an agile team delivers work in small, but consumable, increments. Requirements, plans, and results are evaluated continuously so teams have a natural mechanism for responding to change quickly.

- It is a process by which a team can manage a project by breaking it up into several stages and involving constant collaboration with stakeholders and continuous improvement and iteration at every stage. The Agile methodology begins with clients describing how the end product will be used and what problem it will solve. This clarifies the customer's expectations to the project team. Once the work begins, teams cycle through a process of planning, executing, and evaluating which might just change the final deliverable to fit the customer's needs better. Continuous collaboration is key, both among team members and with project stakeholders, to make fully-informed decisions.

Agile Methodologies

The core of the Agile methodology was developed by 17 people in 2001 in written form. Their Agile Manifesto of Software Development put forth a groundbreaking mindset on delivering value and collaborating with customers. Agile's four main values are expressed as:

- Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

Today, the word Agile can refer to these values as well as the frameworks for implementing them, including: **Scrum, Kanban, Extreme Programming (XP), and Adaptive Project Framework (APF)**. So what is Agile methodology in project management? Simply put, it is a process for managing a project characterized by constant iteration and collaboration in order to more fully answer a customer's needs.