Agile

Into to wen applications

-A main framework of how web developers work

What is Agile?

* The term “agile” is used to describe a number of techniques software development methodology.
* Some of the most popular methodologies include Extreme Programming (XP), Scrum, Crystal, Dynamic System Development Method (DSDM), Lean development
* To be agile is to have “the ability to create and respond to change in order to succeed in an uncertain and turbulent environment”

Agile Manifesto



Agile Values

1. Individual and interactions over processes and tools
2. Working software over comprehensive documentation
3. Customer collaboration over contract negotiation
4. Responding to change over following a plan

Agile Principles

* Our highest priority is to satisfy the customer  
  through early and continuous delivery  
  of valuable software.
* Welcome changing requirements, even late in   
  development. Agile processes harness change for   
  the customer's competitive advantage.
* Deliver working software frequently, from a   
  couple of weeks to a couple of months, with a   
  preference to the shorter timescale.
* Business people and developers must work   
  together daily throughout the project.
* Build projects around motivated individuals.   
  Give them the environment and support they need,   
  and trust them to get the job done.
* The most efficient and effective method of   
  conveying information to and within a development   
  team is face-to-face conversation.
* Working software is the primary measure of progress.
* Agile processes promote sustainable development.   
  The sponsors, developers, and users should be able   
  to maintain a constant pace indefinitely.
* Continuous attention to technical excellence   
  and good design enhances agility.
* Simplicity--the art of maximizing the amount   
  of work not done--is essential.
* The best architectures, requirements, and designs   
  emerge from self-organizing teams.
* At regular intervals, the team reflects on how   
  to become more effective, then tunes and adjusts   
  its behavior accordingly.

Agile, in Practice

* The intention of Agile is to align development with business needs and the success of the Agile is apparent. Agile projects are customer focused and encourage customer guidance and participation.

Agile Resources

* <https://www.atlassian.com/agile>
* <https://www.agilealliance.org/>