

Agile Process	Plan Driven
Agile Processes are usually used for smaller projects with smaller teams( using pair programming)	Projects are larger with large number of developers(programmers assigned to a subsystem for easier implementation)
This process is uncertain and involves working in a changing environment (recurrent planning). There is an overall basic understanding of ideas, details come through iterations throughout the project.	Process activities are planned in advance(user wants for the end product and risks are planned/estimated from start to end)
Documentation is lightweight and there is a preference for good, solid working code instead of comprehensive documentation	Documents for plan driven models are required to move to the implementation stage. They are fully detailed and formal
There are continuous tests being conducted throughout the project and these tests are done by the 'end customer' for a more accurate test	Testing is done at the end of the projects and test specialist conduct all of these tests
Good tests lead to less defects which means less time spent towards the end on testing (end up having a faster development process)	Since these tests are done at the end of the project, more time is spent on testing and since the customer doesn't test the product it is unclear at this point if the customer will be satisfied
If requirements get tweaked Agile process is flexible, making the project easy to change if different requirements are needed	Not suitable for rapid development, updating requirements will be difficult since all requirements must be set before implementation starts
Process Model: Iterative & Incremental	Process Models: Waterfall, Spiral Model
Agile methodologies include: ASD, Agile Modeling, Extreme Programming(XP), Scrum, Rational Unified Process(RUP)	Plan-Driven methodologies include: Personal Software Process, Team Software Process
Contact with customer is easily accessible, including face to face meetings	Comprehensive requirements documentation is the only expected form of communication with customer

