John Kendrat

Professor Juan Arias

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    In the development of a new software program, that company would try to organize the process of creating the application by using the "Waterfall Model." The Waterfall model follows a step by step process that leads directly from one part to the other. The process that follows starts at Requirements Specifications, System Analysis, System Design, Implementation, Testing, Deployment and then the final step being Maintenance. Also, any of these steps can be backtracked in case a mistake was made early in the process. Requirement specification is a formal process that tries to grasp what the application of the product will be and what audience the application will have. This means that the developers must get feedback from the people they wish to sell the product to and adjust their product accordingly. System Analysis is simply the flow of the progress being made by the workers and the amount of work that every employee needs to do so that it is finished by the deadline. Implementations is the process of putting the system into coding languages such as java or C++. Testing is then done in order to make sure everything works the way that it should. Deployment is the part of the process that makes the product available for its customers. Finally, Maintenance is the part where the creators will improve their product in order to make their product even better than it originally was. If a software company is not using this method to manage their employees, then they will use the Agile method.

    The difference between the two is that Agile development uses SCRUM which involves three different types of workers, Product Owner, Team and SCRUM Master in order to maintain

a consistent work environment that is always evolving. In fact, the way an agile development would look like in a graph would be more of a cycle than a waterfall since it never stops improving their product. It also uses milestones to mark their progress, also known as sprints, which helps them keep track of their progress. Either way, both methods are reliable in the way they keep a software company on track and organized.