

Part 2: Short Essay. The software development process described in section 2.16 is known as the Waterfall Model. Investigate what “Agile Development” is about and compare it to the Waterfall Model

The Waterfall Model is the basic model of starting a program and developing new software. The basic steps in the model consists of analysis, which combines concept and planning phases. The next steps are requirement, specification, design, development, testing, implementation and maintenance. Agile Development is an approach to software development under which requirements and solutions evolve through the collaborative effort of self-organizing and cross-functional teams. Developers team and customer representatives stay in touch during all development process. This allows them to find problems in early development. Compared to the Waterfall Model, they both have identical problems but, they have different ways of approach. The differences between Agile Development and the Waterfall Model are the ideas and designs, coordinated actions, the execution of the project, the testing, the delivery, the documentation, and the design time. Agile Development is used to ship software in a very short time frame and if the details of the project are not fully defined or can change greatly during development and the Waterfall Model is used if the project is well-defined and can be designed in detail and it is used for the finished software without too many changes during development.