

AGILE SOFTWARE DEVELOPMENT METHODOLOGY

Charles Edeki, Ph.D

Bronx Community College, City University of New York
Department of Business and Information System
2155 University Avenue
Bronx, New York 10453
Charles.Edeki@bcc.cuny.edu

ABSTRACT

The agile software development methodology has recently become one of the most commonly used software development techniques. Rather than the long drawn out release cycles in the previously popular waterfall methodology, the agile technique suggests regular short sprint release cycles. This allows the customers and stakeholders to have more involvement within the software development process. This helps promote a higher quality final product because it combats the difficult task of a customer fully understanding and identifying all requirements in the software project planning phase. This also allows for the stakeholders to adjust the priorities of remaining tasks easily throughout the entire software development process. This study described the agile software development methodology and specifically targeted the iterative approach, and stakeholder management.