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Academic Reading

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Written assignment 3

For my Evaluative Summary I'm reading "Engineering Software as a Service: An Agile Approach Using Cloud Computing Second Edition", and in Chapters 1.6 and 1.7 provide a comprehensive overview of Software as a Service and its deployment through cloud computing. The text discusses the advantages of SaaS over traditional software models and introduces key concepts such as service-oriented architecture and microservices. The chapters highlight the benefits of SaaS for both customers and providers, emphasizing factors like ease of access, data security, centralized management, and frequent upgrades. They also explore the alignment of SaaS with Agile software development methodologies, illustrating how SaaS providers can leverage agile principles to continuously improve their services. Additionally, the text delves into the infrastructure requirements for deploying SaaS, emphasizing the importance of communication, scalability, and availability. It explains how cloud computing, particularly through the use of clusters of commodity hardware, addresses these demands efficiently and cost-effectively. Furthermore, the chapters discuss the evolution of cloud computing, from its conceptualization as utility computing to its realization as public cloud services offered by major providers like Amazon Web Services, Google AppEngine, and Microsoft Azure. The scalability and cost-effectiveness of cloud computing are underscored, along with its democratizing effect on technology innovation. Overall, Chapters 1.6 and 1.7 provide a comprehensive understanding of the principles and infrastructure behind SaaS and cloud computing, setting the stage for further exploration of these topics in subsequent chapters. They effectively convey the transformative impact of these technologies on the software industry and the broader landscape of technology innovation. By evaluating the text and using this style it really helped me better understand these sections that I can now use in class to help me.