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This section serves as the foundation for this exhaustive reference tool by addressing crucial theories essential to the understanding of Web-based learning. Chapters found within these pages provide an excellent framework in which to position Web-based education within the field of information science and technology. Individual contributions provide overviews of the history of e-learning, students' decision to use online versus traditional courses, Web-based resources for teaching, and key elements of online learning communities. Within this introductory section, the reader can learn and choose from a compendium of expert research on the elemental theories underscoring health information systems research

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Section III. Tools and Technologies

This section presents extensive coverage of the technology that informs and impacts Web-based education. These chapters provide an in-depth analysis of the use and development of innumerable devices and tools, while also providing insight into new and upcoming technologies, theories, and instruments that will soon be commonplace. Within these rigorously researched chapters, readers are presented with examples of the tools that facilitate and support the emergence and advancement of Web-based education. In addition, the successful implementation and resulting impact of these various tools and technologies are discussed within this collection of chapters.

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Section IV. Utilization and Application

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