This book introduces context-aware computing, providing definitions, categories, characteristics, and context awareness itself and discussing its applications with a particular focus on smart learning environments. It also examines the elements of a context-aware system, including acquisition, modelling, reasoning, and distribution of context. It also reviews applications of context-aware computing to past and present to offer readers the knowledge needed to critically analyse how context awareness can be put to use. It is particularly to those new to the subject who are interested in learning about context-aware systems are concerned with the acquisition of context (e.g. using sensors to perceive a situation), the abstraction and understanding of context (e.g. matching a perceived sensory stimulus to a context), and application behaviour based on the recognized context (e.g. triggering actions based on context). As the user's activity and location are crucial for many applications, context awareness has been focused more deeply in the research fields of location awareness and activity recognition. Context awareness is used to design innovative user interfaces, and is often used as a part of ubiquitous and wearable computing. It is also beginning to be felt in the internet with the advent of hybrid search engines. Context-Aware Computing book. Read reviews from world's largest community for readers. Volume 16, Numbers 2, 3, and 4, 2001. Contents: EDITORIAL: T.P. Mor... Goodreads helps you keep track of books you want to read. Start by marking as Want to Read: Want to Read saving… Want to Read. Currently Reading. Read. Context-Aware Computing by Thomas P. Moran. Other editions. Want to Read saving… Error rating book. Refresh and try again. Rate this book. Clear rating. 1 of 5 stars 2 of 5 stars 3 of 5 stars 4 of 5 stars 5 of 5 stars.