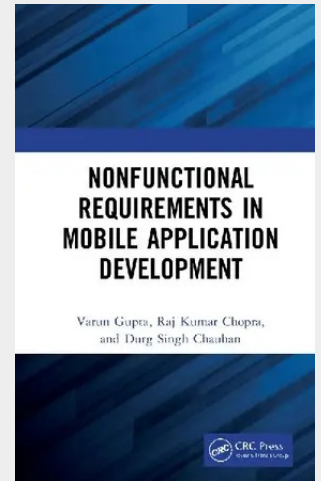


Nonfunctional Requirements in Mobile Application Development

Nonfunctional Requirements in Mobile Application Development is an empirical study that investigates how nonfunctional requirements--as compared with functional requirements--are treated by the software engineers during mobile application development. The book empirically analyzes the contribution of nonfunctional requirements to project parameters such as cost, time, and quality. Such parameters are of prime interest as they determine the survival of organizations in highly dynamic environments. The impact of nonfunctional requirements on project success is analyzed through surveys and case studies, both individually and relative to each other. Sources for data collection include industry, academia, and literature. The book also empirically studies the impact of nonfunctional requirements on the overall business success of both the software development firm and the software procuring firm. Project success is examined to determine if it leads to business success. The book provides rich empirical evidence to place nonfunctional requirements on par with functional requirements to achieve business success in highly competitive markets. This work enhances the body of knowledge through multiple empirical research methods including surveys, case studies, and experimentation to study software engineers' focus on nonfunctional requirements at both project and business levels. The book can guide both computer scientists and business managers in devising theoretical and technical solutions for software release planning to achieve business success.

Nonfunctional Requirements in Mobile Application Development is an empirical study of how non-functional requirements get the attention of software engineers during the development of mobile apps, especially m-commerce apps, in relation to functional apps.



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