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Autore	Ismail Azman
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Nota di contenuto	Intro -- Preface -- Contents -- Development of a Motion Activated Security Cam for Monitoring Applications -- 1 Introduction -- 2 Methodology -- 2.1 Project Development -- 2.2 Hardware Component -- 2.3 Software Development -- 3 Results and Discussion -- 4 Conclusion -- References -- Development of a Sign Language Translator Based on Gestures-To-Words Using IoT -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 System Development -- 3.2 Hardware Installation -- 4 Results and Discussion -- 5 Conclusion -- References -- Energy Management System for ICU Wards -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Two Factor Authentication: Voice Biometric and Token-Based Authentication -- 1 Introduction -- 1.1 Issues with Single-Scheme Password Authentication -- 1.2 Two Factor Authentication -- 1.3 Federated Authentication -- 1.4 OpenID Connect

(OIDC) -- 1.5 Biometric Authentication -- 1.6 Voice Biometric Authentication -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Development of a Forest Fire Prevention System Using Fuzzy Logic Control -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Smart Glove: The Sign Language Translator for Mute-Deaf Citizens -- 1 Introduction -- 2 Materials and Method -- 2.1 The Smart Glove Module -- 2.2 The Mobile Application Modules -- 3 Results and Discussion -- 4 Conclusion -- References -- The Application of Technology Organization Environment Framework in the Approaches for Smart Warehouse Adoption -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Promoting and Preserving Malaysian Folktales Through Augmented Reality Technology -- 1 Introduction -- 2 Medium for Promoting Folktales and Preservation Method -- 3 Methodology. 4 Results and Discussion -- 5 Future Works and Recommendations -- References -- The Development of a Self-Balancing Robot Based on Complementary Filter and Arduino -- 1 Introduction -- 2 Experimental Investigations -- 3 Results and Discussion -- 4 Conclusion -- References -- Development of Vertical Indoor Farming Using an Arduino and IoT -- 1 Introduction -- 2 Methodology -- 3 Result and Discussion -- 4 Conclusion and Recommendations -- References -- Designing an Augmented Reality Application as a Tool for Entomophobia Treatment -- 1 Introduction -- 2 Related Works -- 3 Methodology -- 4 Results and Discussion -- 4.1 User Interface -- 4.2 User Experience -- 4.3 The Effectiveness of Insecto-Aid -- 5 Conclusion -- References -- The Readiness of Logistics Service Providers to Meet the Rapidly Growing Digital Economy in Malaysia -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Review of the Use of Digital Media Products by Small and Medium Enterprises in Malaysia During the Covid-19 Pandemic Crisis -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- The Influence of Information Communication Technology Towards the Success of Ro-Ro Ferry Service at Penang Port -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 4 Results and Discussion -- 5 Discussion -- 6 Conclusion -- References -- Pass Matrix Based Graphical Password Authentication on the Android Platform -- 1 Introduction -- 2 Problem Definition -- 3 Related Work -- 3.1 Recognition Based Technique -- 3.2 One-Time Password -- 4 Motivation -- 4.1 Graphical Password Authentication -- 4.2 Encrypt the One-Time-Password (EOTP) -- 5 Proposed System -- 6 Results and Discussion -- 7 Conclusion -- References.

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Sommario/riassunto

This book explores a dynamic landscape where cutting-edge technologies are revolutionizing various domains. This captivating book delves into the advancements in security, communication, and environmental management, highlighting their profound impact on society. The developments bridge the gap between human needs and technological innovation. Readers will uncover the fascinating world of IoT-driven devices that seamlessly integrate into our lives, ensuring enhanced safety and communication efficiency. This book is a must-

read for technology enthusiasts, researchers, and anyone curious about the transformative power of technology in shaping our present and future.
