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Telephone Engineer & Management Mar 06 2022

User Requirements for Wireless Oct 25 2023 In most IT system development processes, the identification or elicitation of user requirements is recognized as a key building block. In practice, the identification of user needs and wants is a challenge and inadequate or faulty identifications in this step of an IT system development can cause huge problems with the final product. The elicitation of user requirements as such changes according to age groups;, to gender,; to cultural settings,; and into time; and experience in the use of the system/software. User requirements, therefore, cannot be used between projects, IT systems, and different software. That makes the elicitation of user requirements an inherent part of any software development project and a resourceful activity as well. This book provides insights to the process of identifying user requirements and to different types by describing varying case studies in which technologies or software has been developed. A variety of user requirements are provided illustrating the effect of changing the targeted user group with respect to age,; to the context and the different technologies or software as well as to the difference in viewpoint on ways of involving users in the elicitation process. Cases

and user requirement elements discussed in the book include: User requirements elicitation processes for children, construction workers, and farmersUser requirements for personalized services of a broadcast companyVariations in user involvementPractical elements of user involvement and requirements elicitationUsable security requirements for design of privacy Decision Support System for Mobile Phone Selection Utilizing Fuzzy Hypersoft Sets and Machine Learning Nov 25 2023 In the dynamic landscape of mobile technology, where a myriad of options burgeons, compounded by fluctuating features, diverse price points, and a plethora of specifications, the task of selecting the optimum mobile phone becomes formidable for consumers. This complexity is further exacerbated by the intrinsic ambiguity and uncertainty characterizing consumer preferences. Addressed herein is the deployment of fuzzy hypersoft sets (FHSS) in conjunction with machine learning techniques to forge a decision support system (DSS) that refines the mobile phone selection process. The proposed framework harnesses the synergy between FHSS and machine learning to navigate the multifaceted nature of consumer choices and the attributes of the available alternatives, thereby offering a structured approach aimed at maximizing consumer satisfaction while accommodating various determinants. The integration of FHSS is pivotal in managing the inherent ambiguity and uncertainty of consumer preferences, providing a comprehensive decision-making apparatus amidst a plethora of choices. The elucidation of this study encompasses an easy-to-navigate framework, buttressed by sophisticated Python codes and algorithms, to ameliorate the selection process. This methodology engenders a personalized and engaging avenue for mobile phone selection in an ever-evolving technological epoch. The fidelity to professional terminologies and their consistent application throughout this discourse,

as well as in subsequent sections of the study, underscores the meticulous approach adopted to ensure clarity and precision. This study contributes to the extant literature by offering a novel framework that melds the principles of fuzzy set (FS) theory with advanced computational techniques, thereby facilitating a nuanced decision-making process in the realm of mobile phone selection.

Pacific Tsunami Warning System Apr 06 2022 NOTE: NO FURTHER DICOUNT FOR THIS ITEM- OVERSTOCK SALE- Significantly reduced price The Pacific Tsunami Warning System, commonly referred to as the PTWS, has come far in the last five decades since its formation in 1965. This book describes significant tsunami events, presents the history of the PTWS design and implementation and its milestones. It also reviews main scientific and technological aspects of tsunami detection and warning, and discusses its managerial, educational, and societal dimensions. A brief introduction is given to each of the key partners in the PTWS that together make the whole system work. Additionally, the reader will find Member State perspectives and views on the PTWS's future development. "

California. Court of Appeal (2nd Appellate District). Records and Briefs May 20 2023

Proceedings of the Select Committe on Telephone Systems Jan 16 2023

A Digital Phase Locked Loop based Signal and Symbol Recovery System for Wireless Channel Jul 30 2021 The book reports two approaches of implementation of the essential components of a Digital Phase Locked Loop based system for dealing with wireless channels showing Nakagami-m fading. It is mostly observed in mobile communication. In the first approach, the structure of a Digital phase locked loop (DPLL) based on Zero Crossing (ZC) algorithm is proposed. In a modified form, the structure of a DPLL based systems for dealing with Nakagami-m fading based on Least Square

Polynomial Fitting Filter is proposed, which operates at moderate sampling frequencies. A sixth order Least Square Polynomial Fitting (LSPF) block and Roots Approximator (RA) for better phase-frequency detection has been implemented as a replacement of Phase Frequency Detector (PFD) and Loop Filter (LF) of a traditional DPLL, which has helped to attain optimum performance of DPLL. The results of simulation of the proposed DPLL with Nakagami-m fading and QPSK modulation is discussed in detail which shows that the proposed method provides better performance than existing systems of similar type.

Digitizing Industry Knowledge for Software Development May 27 2021

Hybrid Intelligent Systems Nov 13 2022 This book highlights the recent research on hybrid intelligent systems and their various practical applications. It presents 97 selected papers from the 22nd International Conference on Hybrid Intelligent Systems (HIS 2022) and 26 papers from the 18th International Conference on Information Assurance and Security, which was held online, from 13 to 15 December 2022. A premier conference in the field of artificial intelligence and machine learning applications, HIS–IAS 2022, brought together researchers, engineers and practitioners whose work involves intelligent systems, network security and their applications in industry. Including contributions by authors from over 35 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

Mobile Social Signal Processing Jan 21 2021 This book contains papers invited after the First International Workshop on Mobile Social Signal Processing, MSSP 2010, held in Lisbon, Portugal, in September 2010. The 9 revised papers included in this volume represent the diversity of two fields of research, Mobile HCI and Social Signal Processing and areas of overlap. They cover a wide range of topics

spanning from approaches for effective interaction with mobile and wearable devices to modelling, analysis and synthesis of nonverbal behaviour in human-human and human-machine interactions.

The Digital Transformation of Payment: A Glimpse Into the Future of Mobile Payment Systems Sep 23 2023 Master's Thesis from the year 2021 in the subject Business economics - Market research, grade: 1,0, accadis Hochschule Bad Homburg, language: English, abstract: Mobile payment systems are an innovation that allows people to make contactless payments with a mobile device (such as a smartphone) at the cash register in brick-and-mortar retail outlets without carrying a wallet with credit and debit cards. While other countries have almost entirely adopted and integrated this innovation into their daily lives, adoption rates in Germany remain significantly low. Hence, the objective of this work is to analyze the future of mobile payment systems in Germany with respect to the reasons for adoption or refusal. In particular, the following research question was addressed: Will mobile payment methods replace physical cards in Germany, or will certain factors prevent full adoption?

Local Positioning Systems Jan 28 2024 Local Positioning Systems: LBS Applications and Services explores the possible approaches and technologies to location problems including people and asset tracking, mobile resource management, public safety, and handset location-based services. The book examines several indoor positioning systems, providing detailed case studies of existing applications and their requirements, and shows how to set them up. Other chapters are dedicated to position computation algorithms using different signal metrics and determination methods, 2D/3D indoor map data and location models, indoor navigation, system components and how they work, privacy, deployment issues, and standards. In detail, the book explains the steps

for deploying a location-enabled network, including doing a site-survey, creating a positioning model and floor maps, and access point placement and configuration. Also presented is a classification for network-based and ad-hoc positioning systems, and a framework for developing indoor LBS services. This comprehensive guide will be invaluable to students and lecturers in the area of wireless computing. It will also be an enabling resource to developers and researchers seeking to expand their knowledge in this field.

Fundamental Use of the Michigan Terminal System Jul 10 2022

Computer Vision Systems Apr 30 2024 In the past few years, with the advances in microelectronics and digital te- nology, cameras became a widespread media. This, along with the enduring increase in computing power boosted the development of computer vision s- tems. The International Conference on Computer Vision Systems (ICVS) covers the advances in this area. This is to say that ICVS is not and should not be yet another computer vision conference. The ?eld of computer vision is fully covered by many well-established and famous conferences and ICVS di?ers from these by covering the systems point of view. ICVS 2008 was the 6th International Conference dedicated to advanced research on computer vision systems. The conference, continuing a series of successful events in Las Palmas, Vancouver, Graz, New York and Bielefeld, in 2008 was held on Santorini. In all, 128 papers entered the review process and each was reviewed by three independent reviewers using the double-blind review method. Of these, 53 - pers were accepted (23 as oral and 30 as poster presentation). There were also two invited talks by P. Anandan and by Heinrich H. Bultho¨ ?. The presented papers cover all aspects of computer vision systems, namely: cognitive vision, monitor and surveillance, computer vision architectures, calibration and reg- tration, object recognition

and tracking, learning, human—machine interaction and cross-modal systems.

Proceedings of the International Conference on Soft Computing Systems Aug 11 2022 The book is a collection of high-quality peer-reviewed research papers presented in International Conference on Soft Computing Systems (ICSCS 2015) held at Noorul Islam Centre for Higher Education, Chennai, India. These research papers provide the latest developments in the emerging areas of Soft Computing in Engineering and Technology. The book is organized in two volumes and discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. It presents invited papers from the inventors/originators of new applications and advanced technologies.

The American Telephone Journal Jun 20 2023 *Mobile Cloud Visual Media Computing* Oct 13 2022 This book explores the internet and mobile ecosystems which are powered by cloud computing – an essential, if not indispensable, part of our everyday lives. Billions of users world-wide use this technology for information sharing, communication and social networking and a high proportion of activity is driven by massive media content such as images, videos and other emerging 3D visual media. However, managing, searching and visualizing this gigantic amount of data to facilitate communication is difficult which has led to an influx of innovation and research in these areas. The research is from academics from all around the world, focusing on the intersection of mobile, cloud, visual and multimedia computing and is split into five clear parts. Topics covered in the book include mobile augmented reality, computational photography, mobile visual recognition and search, and human-computer interaction (HCI). The findings discussed is meant to spur on further creative development in both academia and industry within this area. Mobile Cloud Visual Media Computing would of

great interest to researchers and academics wishing to see how the state-of-the-art in media computing research is applied to innovative applications, whilst engineers and software designers from industry will gain an insight into the key set of technologies which support mobile and cloud media computing.

Proceedings of Third International Conference on Sustainable Expert Systems Jun 28 2021 This book features high-quality research papers presented at the 3rd International Conference on Sustainable Expert Systems (ICSES 2022), held in Nepal during September 9–10, 2022. The book focuses on the research information related to artificial intelligence, sustainability and expert systems applied in almost all the areas of industries, government sectors and educational institutions worldwide. The main thrust of the book is to publish the conference papers that deal with the design, implementation, development, testing and management of intelligent and sustainable expert systems and also to provide both theoretical and practical guidelines for the deployment of these systems.

Innovations and Advances in Computer Sciences and Engineering Jun 08 2022 Innovations and Advances in Computer Sciences and Engineering includes a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of Computer Science, Software Engineering, Computer Engineering, and Systems Engineering and Sciences. Innovations and Advances in Computer Sciences and Engineering includes selected papers form the conference proceedings of the International Conference on Systems, Computing Sciences and Software Engineering (SCSS 2008) which was part of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE 2008).

DSP for Embedded and Real-Time Systems Aug 30 2021 This book includes a range of

techniques for developing digital signal processing code; tips and tricks for optimizing DSP software; and various options available for constructing DSP systems from numerous software components.

American Globe Feb 14 2023

Sessional Papers Feb 02 2022

Network World Oct 01 2021 For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Location Management and Routing in Mobile Wireless Networks Sep 11 2022 As wireless users have become increasingly mobile, tracking their location and establishing communications links between them have become critical. Location management, paging and routing are the key technologies for performing these crucial functions. This comprehensive work examines past, present and future advances in location management and routing protocols for both single-hop and multi-hop mobile wireless networks.

Advances in Information Systems Development Mar 18 2023 This monograph details the proceedings of the 15th International Conference on Information Systems Development. ISD is progressing rapidly, continually creating new challenges for the professionals involved. New concepts, approaches and techniques of systems development emerge constantly in this field. Progress in ISD comes from research as well as from practice. The aim of the Conference was to provide an international forum for the exchange of ideas and experiences between academia and industry, and to stimulate the exploration of new

solutions.

Library of Congress Subject Headings Jun 01 2024

Personalized Health Systems for Cardiovascular Disease Apr 18 2023 Personalized Health Systems for Cardiovascular Disease is intended for researchers, developers, and designers in the field of p-health, with a specific focus on management of cardiovascular diseases. Biomedical engineers will benefit from coverage of sensors, data transmission, signal processing, data analysis, home and mobile applications, standards, and all other subject matters developed in this book in order to provide an integrated view of the different and multidisciplinary problems related to p-health systems. However, many chapters will also be interesting to physicians and other professionals who operate in the health domain. Students, MS and PhD level, mainly in technical universities, but also in medical schools, will find in this book a complete view of the manifold aspects of p-

health, including technical problems related to sensors and software, to automatic evaluation and correct interpretation of the data, and also some legal and regulatory aspects. This book mainly focuses on the development of technology used by people and patients in the management of their own health. New wearable and implantable devices allow a continuous monitoring of chronic patients, with a direct involvement of clinical centers and physicians. Also, healthy people are more and more interested in keeping their own wellness under control, by adopting healthy lifestyles and identifying any early sign of risk. This is leading to personalized solutions via systems which are tailored to a specific patient/person and her/ his needs. However, many problems are still open when it comes to p-health systems. Which sensors and parameters should be used? Which software and analysis? When and how? How do you design an effective management plan for chronic pathologies such as cardiovascular

diseases? What is useful feedback for the patient or for the clinician? And finally, what are the limits of this approach? What is the view of physicians? The purpose of this book is to provide, from a technical point of view, a complete description of most of the elements which are part of such systems, including the sensors and the hardware, the signal processing and data management procedures, the classification and stratification models, the standards and the regulations, focusing on the state of the art and identifying the new directions for innovative solutions. In this book, readers will find the fundamental elements that must be taken into account when developing devices and systems in the field of p-health. Provides an integrated approach to design and development of p-health systems which involves sensors, analysis software, user interfaces, data modeling, and interpretation. Covers standards and regulations on data privacy and security, plus safe design of devices. Supported by case studies discussing development of actual solutions in the biomedical engineering field.

Sessional Papers - Legislature of the Province of Ontario Jan 04 2022

Impact of Gun Violence in School Systems Dec 27 2023 The United States is a nation that has been facing a crisis of violence within its school system for decades. This disruptive and traumatic phenomenon has had lasting impacts on the systems in which educations must exist, but the ripple effects of this require an extensive analysis. To advance society, quality education is necessary, and ensuring that quality demands that experts take a step back and look at the bigger picture. In the wake of rising concerns over safety in educational environments, Impact of Gun Violence in School Systems delves into the urgent issue of gun violence within the United States' school systems. As educators, administrators, counselors, social workers, and policy makers grapple with the complex challenges presented by violence, this book

serves as a comprehensive guide to understanding the multifaceted dimensions of the issue. Examining topics such as gun violence, mental health, school suspension, student success, bullying, violence reduction programs, alternative schools, inner-city youth programs, and zero-tolerance policies, the manuscript synthesizes current research, real-world examples, and innovative solutions. Impact of Gun Violence in School Systems not only sheds light on the root causes of violence within educational settings but also provides actionable insights and recommendations, making it an indispensable resource for those committed to creating safer and more conducive learning environments for our youth.

Introduction to Information Systems Jul 22 2023 The goal of Introduction to Information Systems, 3rd Canadian Edition remains the same: to teach all business majors, especially undergraduate ones, how to use information technology to master their current or future jobs and to help ensure the success of their organization. To accomplish this goal, this text helps students to become informed users; that is, persons knowledgeable about information systems and information technology. The focus is not on merely learning the concepts of IT but rather on applying those concepts to facilitate business processes. The authors concentrate on placing information systems in the context of business, so that students will more readily grasp the concepts presented in the text. The theme of this book is What's In IT for Me? This question is asked by all students who take this course. The book will show you that IT is the backbone of any business, whether a student is majoring in Accounting, Finance, Marketing, Human Resources, or Production/Operations Management. Information for the Management Information Systems (MIS) major is also included.

Google Voice For Dummies Apr 26 2021 Save time and money with Google's revolutionary new

phone system Google Voice combines existing phone lines, e-mail, and Web access into one central communication channel. Tech industry watchers expect it to give Skype some serious competition, yet little information is available on this new Google service. Google Voice For Dummies is the first and only book on Google's breakthrough new offering and provides essential information for individuals and businesses who want to take advantage of this exciting new technology. Google Voice is expected to have a major impact on telephony and to offer major cost savings for individuals and businesses This guide focuses on an in-depth understanding of setting up and using Google Voice and how to integrate it with other Google services, including Gmail, Google Chat, and Google Talk Discusses managing Google Voice within organizations and examines key concerns for business, schools, government, and other kinds of organizations Explains how Google Voice connects with the many phone options currently available and how to move toward an optimized and inexpensive, yet flexible and powerful phone environment The book is supported by news and updates on www.gvDaily.com, the leading Google Voice question and answer site created by authors Bud E. Smith and Chris Dannen Google Voice For Dummies supplies much-needed information on this free and exciting technology that the New York Times has called revolutionary.

Object-Oriented Analysis and Design for Information Systems Feb 27 2024 Object-Oriented Analysis and Design for Information Systems clearly explains real object-oriented programming in practice. Expert author Raul Sidnei Wazlawick explains concepts such as object responsibility, visibility and the real need for delegation in detail. The object-oriented code generated by using these concepts in a systematic way is concise, organized and reusable. The patterns and solutions presented in this book are based in research and industrial

applications. You will come away with clarity regarding processes and use cases and a clear understand of how to expand a use case. Wazlawick clearly explains clearly how to build meaningful sequence diagrams. Object-Oriented Analysis and Design for Information Systems illustrates how and why building a class model is not just placing classes into a diagram. You will learn the necessary organizational patterns so that your software architecture will be maintainable. Learn how to build better class models, which are more maintainable and understandable. Write use cases in a more efficient and standardized way, using more effective and less complex diagrams. Build true object-oriented code with division of responsibility and delegation.

Digital System Design - Use of Microcontroller May 08 2022 Embedded systems are today, widely deployed in just about every piece of machinery from toasters to spacecraft. Embedded system designers face many challenges. They are asked to produce increasingly complex systems using the latest technologies, but these technologies are changing faster than ever. They are asked to produce better quality designs with a shorter time-to-market. They are asked to implement increasingly complex functionality but more importantly to satisfy numerous other constraints. To achieve the current goals of design, the designer must be aware with such design constraints and more importantly, the factors that have a direct effect on them.One of the challenges facing embedded system designers is the selection of the optimum processor for the application in hand; single-purpose, general-purpose or application specific. Microcontrollers are one member of the family of the application specific processors.The book concentrates on the use of microcontroller as the embedded system?s processor, and how to use it in many embedded system applications. The book covers both the hardware and software

aspects needed to design using microcontroller.The book is ideal for undergraduate students and also the engineers that are working in the field of digital system design.Contents• Preface;• Process design metrics;• A systems approach to digital system design;• Introduction to microcontrollers and microprocessors;• Instructions and Instruction sets;• Machine language and assembly language;• System memory; Timers, counters and watchdog timer;• Interfacing to local devices / peripherals;• Analogue data and the analogue I/O subsystem;• Multiprocessor communications;• Serial Communications and Network-based interfaces.

Mobile Web and Intelligent Information Systems Aug 23 2023 This book constitutes the refereed proceedings of the 14th International Conference on Mobile Web and Intelligent Information Systems, MobiWIS 2017, held in Prague, Czech Republic, in August 2017. The 23 full papers together with 4 short papers presented in this volume were carefully reviewed and selected from 77 submissions. The call for papers of the MobiWis 2017 included new and emerging areas such as: mobile web systems, recommender systems, security and authentication, context-awareness, mobile web and advanced applications, cloud and IoT, mobility management, mobile and wireless networks, and mobile web practice and experience.

Handbook of Mobile Systems Applications and Services Nov 01 2021 From fundamental concepts and theories to implementation protocols and cutting-edge applications, the Handbook of Mobile Systems Applications and Services supplies a complete examination of the evolution of mobile services technologies. It examines service-oriented architecture (SOA) and explains why SOA and service oriented computing (SOC) will pl

Distributed User Interfaces: Usability and Collaboration Dec 15 2022 Written by

international researchers in the field of Distributed User Interfaces (DUIs), this book brings together important contributions regarding collaboration and usability in Distributed User Interface settings. Throughout the thirteen chapters authors address key questions concerning how collaboration can be improved by using DUIs, including: in which situations a DUI is suitable to ease the collaboration among users; how usability standards can be used to evaluate the usability of systems based on DUIs; and accurately describe case studies and prototypes implementing these concerns. Under a collaborative scenario, users sharing common goals may take advantage of DUI environments to carry out their tasks more successfully because DUIs provide a shared environment where the users are allowed to manipulate information in the same space and at the same time. Under this hypothesis, collaborative DUI scenarios open new challenges to usability evaluation techniques and methods. Distributed User Interfaces: Collaboration and Usability presents an integrated view of different approaches related to Collaboration and Usability in Distributed User Interface settings, which demonstrate the state of the art, as well as future directions in this novel and rapidly evolving subject area.

New York Review of the Telegraph and Telephone and Electrical Journal Dec 03 2021

ISO 56000: Building an Innovation Management System Feb 22 2021 Innovation management can provide a competitive edge in the business world, and research shows a major correlation between profitability and innovation. The challenge, however, is how to integrate innovation management with quality management. Enter the ISO 56000 series of standards on innovation management systems (IMS). Specifically, ISO 56002 provides guidance on how to develop a systems approach to

managing innovation. In this book, author Peter Merrill shares with readers the thinking behind each of the clauses in the standard. He explains real-life, practical applications of the guidance the standard provides and shows how to integrate an IMS with a quality management system based on ISO 9001 and be prepared for the future. In this book, you will discover how it:Details the strategy and leadership necessary to manage innovation using ISO 56002 and explaining the cultures of creativity and execution that must coexist Defines the competences, tools, processes, and assessments that are needed to build an IMS in your organization in order to succeed at innovation Explains the principles that are the basis of innovation management Shows the vital role of innovation and creativity in the progression of organizations in today's Industry 4.0/Quality 4.0 era Underlines the idea that innovation management and quality management must work together from practical and financial standpoints Peter Merrill has been a quality professional for many years and is an expert on simplifying complex ideas. Currently, he helps companies develop their approach to innovation. He writes extensively on innovation, including the Innovation Imperative, column for Quality Progress magazine. His previously published books include Innovation Generation, Innovation Never Stops, Executive Guide to Innovation. *Annual Report* Mar 25 2021 *IBM XIV Storage System Architecture and Implementation* Mar 30 2024 Not a new version - included warning for self signed X509 certificates - see section 5.2 This IBM® Redbooks® publication describes the concepts, architecture, and implementation of the IBM XIV® Storage System. The XIV Storage System is a scalable enterprise storage system that is based on a grid array of hardware components. It can attach to both Fibre Channel Protocol (FCP) and IP network Small Computer System Interface (iSCSI) capable hosts. This system is a

good fit for clients who want to be able to grow capacity without managing multiple tiers of storage. The XIV Storage System is suited for mixed or random access workloads, including online transaction processing, video streamings, images, email, and emerging workload areas, such as Web 2.0 and cloud storage. The focus of this edition is on the XIV Gen3 running Version 11.5.x of the XIV system software, which brings enhanced value for the XIV Storage System in cloud environments. It offers multitenancy support, VMware vCloud Suite integration, more discrete performance classes, and RESTful API enhancements that expand cloud automation integration. Version 11.5 introduces support for three-site mirroring to provide high availability and disaster recovery. It also enables capacity planning through the Hyper-Scale Manager, mobile push notifications for real-time alerts, and enhanced security. Version 11.5.1 supports

6TB drives and VMware vSphere Virtual Volumes (VVOL). In the first few chapters of this book, we describe many of the unique and powerful concepts that form the basis of the XIV Storage System logical and physical architecture. We explain how the system eliminates direct dependencies between the hardware elements and the software that governs the system. In subsequent chapters, we explain the planning and preparation tasks that are required to deploy the system in your environment by using the intuitive yet powerful XIV Storage Manager GUI or the XIV command-line interface. We also describe the performance characteristics of the XIV Storage System and present options for alerting and monitoring, including enhanced secure remote support. This book is for IT professionals who want an understanding of the XIV Storage System. It is also for readers who need detailed advice on how to configure and use the system.