I'm not robot

reCAPTCHA

Continue

Formato ieee 830 plantilla

Made in orgmode. To get latex files. Driven by not seeing templates for this specification in latex format. Emacs Texlive (Optional) TeXstudio If you don't use emacs, you can simply download tex files. Any input, criticism or correction is welcome. September 2, 2013 11:21 pm This specification was written based on a standard template for software requirement documents based and complied with IEEE Std. 830-1998 standards. Templates are available in the following links: ERS Format In the following links, you can find examples of ERS: ERS MyMSystem Cybergraphia: Leave a comment Archived under Uncategorized 1. Specifications of SoftwareProjection Requirements: Web information system for administrative and academic process management of La Victoria's Metalmineral Socialist Training Center, Edo. Aragua April 2012 2. The instructions for using this format are standard templates for software needs documents. It was centralised and complied with IEEE Std 830-1998 standards. Parts not considered applicable to the system described may be shown as unused (NA). Note: Blue text is an indicator that needs to be deleted and, if appropriate, replaced by the content described in each section. Text in square brackets of type [Inserting text here] allows direct entry of text with the appropriate color and style to the section, by clicking on it with the mouse pointer. Titles and subtitles in each section are defined as MS Word styles, so that their consecutive singles are automatically generated according to Title1, Title2, and Title3 styles. Text indents in each section are automatically generated when you press Enter at the end of the title line. (Normal Style of Indented1, Indented Normal 2, and Indented Normal 3). The document index is a list of MS Word updated content based on the document title. Once you've finished writing, you'll need to instruct Word to update all of its contents to reflect the final content. 3. Document Sheet Date Certified Author Dep. Quality. Rodríguez Juan12/04/2012 Tapias Juan Mendoza LeonardoDocument was confirmed by the parties on the date: community By UniversityCenter of Socialist Formation Metalminero Territorial Polytechnic University of Aragua de la Victoria. Doct, what's going on? Federico Brito Figueroa 4. Web Information System for Administrative and Academic Process Management of La Victoria Metalmineral Socialist Training Center, p. 4 Edo. Aragua Specifications For SoftwareContainmentFICHA DOCUMENTS

20 Description 6. Web Information Systems for Administrative and Academic Process Management Center Socialist Metalmineral Training La Victoria, p. 6 Edo. Aragua Software Requirements This Document Identification is the Software Requirements Specification (ERS) for Information Systems for Process Management and Inventory Control. These specifications have been structured based on guidelines provided by IEEE Recommended Practices for ANSI/IEEE 830, Software Requirements Specification Standard 1998. 1.1 The purpose of this Document is to determine functional, non-functional specifications for the development of web information systems that will enable the management of different administrative and academic processes. This will be used by students, teachers and managers. 1.2 Scope Of Specification This requirement is intended for system users, to pursue the development of educational applications in institutions and to deepen institutional automation, which has the primary objective of managing different administrative processes (Inventory, Events, Courses and Information) and academics (Virtual Classrooms). 1.3 Employees involved Name Of Juan Rodríguez Role Analyst, Designer and Programmer Category TSU-Informatics Professional Information Analysis information, design and programming Sis-I Contact Information Elgranjuan138@hotmail.com Leonardo Mendoza Role Analyst, Designer and Programmer Category Professional Designer and Programmer Category TSU-Informatics Responsibility Analysis information, design and programming Sis-I Contact information Leonardomendoza_98@hotmail.com Name Of Juan Tapias Rol Analysis, Design and programming SIS-I Contact Information Juan_23571011@hotmail.com Information Requirements software needs Web Information System for Administrative and Academic Process Management Of La Victoria Metalmineral Socialist Training Centre, p. 7 Edo. Software Aragua Requirements Specification 1.4 Definition, Acronym and abbreviation Nombr Information and Consumers who will use the system to manage the SIS-I Process Web Information System for Administrative and Academic Process Management ERS Specifications Software Requirements RNF Non-Functional Requirements FTP File Transfer Protocol Moodle Virtual Classroom 1.5 Reference Standard Reference Document Title IEEE 830 - 1998 IEEE The first section provides an introduction to it and provides an overview of the system resource specifications. in the The document section provides an overview of the system, to understand the key functions that the system needs to do, relevant data and factors, constraints, assumptions and dependencies affecting development, without excessive detail. Finally, the third part of the document is one where the requirements that the system needs to be met are defined in detail.2 Overview 2.1 The product perspective of the SIS-I System will provide support designed to work in a WEB environment, which will allow its use quickly and effectively, in addition to integrating in conjunction with the moodle (Virtual Classroom) to achieve a better response. Description of software requirements 8. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 8 Edo. Software Aragua Software Requirements Specification2.2 Product Functionality2.3 User Characteristics User Type Administrator TSU Training in Computer Activity Control and System Management in general Description of software requirements 9. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 9 Edo. Aragua Specification Software Type Of Activity Educator Teacher Training User Facilitates learning type of Student Training Activities Bachelor Of Active Participation Training in courses and forums Type of Visitor Training NA Observing Activities and recording information and pre-registration in the course. 2.4 Restrictions • Interface to be used with the internet. • Domain Usage (X) • Language and technology used: HTML, JAVA. • The server must be able to handle simultaneous queries. • This system will be designed according to the client/server model. • The system must have simple design and execution, free of platform or programming language. . 2.5 Assumptions and dependencies • It is assumed that the requirements described herein are stable • Equipment in which the system to be carried out must meet the requirements indicated above to ensure proper implementation of the same functional requirements3 Requirements Functionality RF01requerment:User Authentication Name.Requirements:Features: Users must identify themselves The system description can be referred by any user depending on the requirements: the module in which it is located and the degree of accessibility. Requirements • RNF01NO Functional: • RNF02 • RNF05 Description of software requirements 10. Web information systems for management Administrative and Academic Process of the La Victoria Metalmineral Socialist Training Centre, p. 10 Edo. Aragua Software Requirements Specification • RNF08Refferency requirements:HighIdentification RF02requerment:UserName Register.Requirements:Features: Users must register in the system to access any part of the system. System description will allow users (students, teachers and administrators)requirements: register. Users must provide data such as: CI, First Name, Last Name, Email, User and Password.Requirements • RNF01NO Functionality: • RNF02 • RNF05 • RNF08Refferency requirements:HighIdentification RF03requerment:Name of Query Information.Requirements:Features: The system will offer users general information about Academic Instructions, subjects, Calendar events. Academic Consultation Instruction Description: Displays general information about the requirements: courses offered by institutions, what consists of, duration of each academic period. Requirements • RNF01NO Functionality: • RNF02Reffrency Requirements:HighIdentification of RF04requerment:Name of Inquiry Information.Requirements:Features: The system will provide users with general information about academic instructions, subject, calendar events. Query Event Calendar Description: Shows user information: related to news or other software requirements 11. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 11 Edo. Aragua Specification softwarecherichment RF05 Introduction:Information Query Name.Requirements:Features: The system will provide users with general information about academic instructions, subject, calendar events. Query Event Calendar Description: Shows user information: related to news or other planned events. Requirements • RNF01NO Functionality: • RNF02Priority Requirements:HighIdentification of RF06requerment:Modification Name.Requirements:This system will enable administrators, teachers and students to modify user data, subject, andrechere: created accounts. Requirements • RNF01NO Function: • RNF02 • RNF05 Requirements:High Participation RF07Requerence:Name Virtual Classroom Management. Requirements: Features: Allows you to manage information about virtual classrooms. Create Course Description: Allows teachers as soon as she accesses for user: she has told a virtual classroom, created her subject and provided relevant information to students, maintaining active communication. Requirements • RNF01NO Functional: • RNF02 • RNF05 • RNF06 • RNF07 • RNF08 Requirements: Description of software requirements 12. Web Information System for Administrative and Academic Process Management Of La Victoria Metalmineral Socialist Training Centre, p. 12 Edo. Aragua Software Requirements SpecificationSo08 IntroductionRequerment:Virtual Classroom Management Name. Requirements: Features: Allows you to manage information about virtual classrooms. Student Student Registration Description must provide his/her credit card: identity and name along with the password for inclusion in the subject. o Virtual Classroom: Students must supply their name along with a password to enroll in the system. o Subject: Students must place a password provided by the teacher to register in the subject. Requirements • RNF01NO works: • RNF02 • RNF05 • RNF06 • RNF07 • RNF08Refrency requirements:HighIdentification of RF09requeness:Virtual Classroom Management Name. Requirements: Features: Allows you to manage information about virtual classrooms. Consultation Course Description: Allows students to view ring information: pending activities and assessment notes done. Requirements • RNF01NO Functional: • RNF02 • RNF05 • RNF06 • RNF07 • RNF08 RequermentSPriority:High Description Software Requirements 13. Web Information System for Administrative and Academic Process Management Center Socialist Metalmineral Training La Victoria, p. 13 Edo. Specifications Of AraguaRetangled RF010 Introductory Software Requirements:Virtual Classroom Management Name. Requirements: Features: Allows you to manage information about virtual classrooms. Download Description: Allows students to download information guides and requirements: relevant to the subject they take only if it enrolls in it. Requirements • RNF01NO Functional: • RNF02 • RNF05 • RNF06 • RNF07 • RNF08Refferency Requirements:Introduction of HighEnterprisment:Virtual Classroom Management Name. Requirements: Features: Allows you to manage information about virtual classrooms. Forum Description: Students will be able to hold discussions and view information: on topics specified by o Enable user interaction and discussion on topics previously raised. o Approach topics on any tasks or problems to be developed. Requirements • RNF01NO works: • RNF02 • RNF05 • RNF06 • RNF07 • RNF08Refferency requirements:Introduction of RF HighInterprment:NameRequerment Audit Components.Requirements:Features: This system will enable administrators and academic management. The description of the Inventory component along with the moodle should be integrated with the requirements: the web information system provides the necessary resources, to make the user interaction profitable Description of software requirements Description of software requirements 14. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 14 Edo. Aragua Specifications software requirements in the administration of academic information. Requirements • RNF01NO works: • RNF02 • RNF05Refferency Requirements:HighIdentification of RF13requerment:Name Manage Reports.Requirements:Features: The system will allow to generate reports. Description of Allowing administrators to print the event reports to be performed: complete, as well, see the list of students by subject and active teacherRequerence • RNF01NO functionality: • RNF02Priority requirements:HighIdentification RF14requerment:Accreditation name. Requirements:Features: Guarantee students who have completed the Description course on Allow administrators and teachers to record that of students, participate and conclude the course or event that has been enrolled. Requirements • RNF01NO Functionality: • RNF02Refferency Requirements:Introduction of RF HighEnterprisment:NameRequerment Audit Components.Requirements:Features: Ensuring the solving of existing problems by using the system. Description of the evaluation process and analyzing the system, suggesting reprocessing: existing problems in the system used. Requirements • RNF03NO Functional: • RNF04 • RNF06 • RNF07 • RNF08 RequermentSPriority:High description of software requirements 15. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Center, p. 15 Edo. Aragua Specifications software Requirements Non-Functional Requirements.Identification RNF01requerment:System Interface Name. Requirements: Features: The system will present a simple user interface to facilitate usage to system users. System Description Have an intuitive and simple deployment interface.Requirements:Priority requirements:Help name in sitemap usage. Requirements: Features: The user interface must present a support system for the same system users to provide with work on system management. The interface description should be completed with a good support system (requirements: management may fall to staff with little experience in the use of computer applications). Requirement preferences:HighIdentification of the RNF03requerimiento:Maintenance Name.Requirements:Features: The system must have an installation manual and user manual to facilitate the maintenance that administrators will perform. System Description System Description should have easy-to-certified documentation: which allows maintenance operations to be carried out as soon as possible. Requirement Preferences:RNF04 HighIdentificationRequeration:Interface Design Name to Web Features. Requirements:Features: The system must have a user interface, taking into account the characteristics of the institutional website. Description of software requirements 16. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Center, p. 16 Edo. Aragua Specifications software requirementsRerollment user interface must comply with the features of the reprocessing website: institutions, where process management and inventory systems will be included. Requerment Preferences:RNF05 HighIdentificationRequerment:Performance NameRequerance:Features: This system will guarantee users' performance in terms of data stored in the system by offering reliability to the system. Description Ensures the performance of the computer system to differentiation: users. In this sense, the information or records stored made can be referred to and updated permanently and simultaneously, without affecting the response time. Requirement Preferences:HighIdentification of RNF06requerment:User Level NameRequerment:Features: It will guarantee users access to information according to the level they have. Description of facilities and controls to enable easily access to information: staff authorized over the Internet, with the intention of negotiating and uploading relevant information to each of them. Requirements Priority:HighIdentification of RNF07Requeration:Continuous Reliability Name The system needs to go up and walk 24 hours a day, 7 days a week. Since it is a website designed to load data and communication between users. The system availability description should continue with the service level of 7 days for 24 hours, ensuring an adequate scheme that allows for possible failure in any of its components, has an extraordinary, alarm generation. Requirements Preferences:RNF08 HighIdentificationRequeration:NameRequeration: Security Information:Features: The system will ensure users security regarding Software Requirements Description 17. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 17 Edo. Aragua Determines the information of software requirements that are continued on the system. Description Ensures system security with respect to information and bans: data operated such as documents, files and passwords. Requirements:3.1 High Joint Interface Requirements. 3.1.1 User interface The user interface will consist of a set of windows with buttons, lists, and text fields. This must be built specifically for the proposed system and will be viewed from the internet browser. 3.1.2 Hardware Interface It is necessary to have computer equipment in perfect condition with the following features: • Network adapter. • 1.66GHz or higher processor. • Minimum memory of 256Mb. • Mouse. • Keyboards. 3.1.3 Software Interface • Operating System: Windows XP or higher. • Explorer: Mozilla or Chrome. 3.1.4 Server Interface Communication, customers and applications will communicate with each other, using standard protocols on the Internet, wherever possible. For example, an existing protocol (FTP or other facilities) should be used to transfer files or documents. 3.2 Functional requirements 3.2.1 Functional Requirement 1 • User Authentication: Users must identify themselves to access any part of the system. • This system can be referred by any user depending on the module in which it is located and their level of accessibility. Description of software requirements 18. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 18 Edo. Aragua Software Requirements 3.2 Functional Requirements 2 • Consultation Information: This system will provide users with general information on Academic Instructions, subjects, Calendar events. Refer Instructions It displays an overview of the courses offered by the institution, what consists of, duration according to the academic period. Refer To Subject: Allows students to view tasks posted by teachers, download guides and information related to subjects, and view notes obtained in the assessment. • View Event Calendar: Displays information related to news or other events planned to users. 3.2.3 Functional Requirement 3 • User Register: This system will enable users (students, teachers and administrators) to register. Users must provide data such as: CI, First Name, Last Name, Email, User, and Password. 3.2.4 Functional requirements 4 • Modify: Allows administrators to modify user data, materials and accounts created.3.2.5 Functional Requirements 5 • Manage Virtual Classrooms: Allows information about virtual classrooms. Create Courses: Allow teachers as soon as: they access virtual classrooms with their accounts, create their subjects and provide relevant information to students, maintain active communication. • Student Register: Students must provide their IDENTITY card and name along with the password for inclusion in each subject. o Virtual Classroom: Students must register by entering a username along with the password to enter the system. Description of software requirements 19. Web Information System for Administrative and Academic Process Management Center Socialist Training Metalmineral La Victoria, p. 19 Edo. Aragua Software Specifications of matter requirements: Students must place a password provided by the teacher to enroll in the subject. • Examining courses: Allow students to view information about pending activities and assessment grades performed. • Download: Allows students to download guidance and information related to the subject they take only if it enrolls in it. • Forum: Students will be able to hold discussions and view information on subjects determined by the teacher. o Enable user interaction and discussion on topics previously raised. o Approach topics on any tasks or problems to be developed. o Allows you to upload files and documents associated with links to download and have better communication and interaction between users or Users who join the forum must previously register in item 3.2.6 Functional Requirements 6 • Component Integration: The inventory component along with the moodle must be integrated into the web information system that provides the necessary resources, to create interactions with profitable users in managing Academic. 3.2.7 Functional requirements 7 • Managing a Report: Enabling administrators to print event reports to be held or completed, as well as view student lists by subject, active teacher, among others. 3.2.8 Functional Requirements 8 • Accreditation: Enable administrators and teachers to record that students participate and complete courses or events that have enrolled. 3.2.9 Functional requirements 9 • Audit: Evaluate and analyze system processes, suggest existing problem solving in the system used software requirements 20. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 20 Edo. Software Requirements Aragua Specification3.3 Non-functional requirements 3.3.1 Performance requirements • Ensuring that query or other processing design does not affect the performance of the database, or significant network traffic. 3.3.2 Security • Ensure the reliability, security and performance of computer systems to different users. In this sense, the information or records stored made can be referred to and updated permanently and simultaneously, without affecting the response time. • Ensure security with respect to information to authorized personnel over the Internet, with the aim of consulting and uploading information related to each of them. 3.3.3 Reliability • The system must have an intuitive and simple user interface • The user interface must comply with the characteristics of the institutional website, where a 3.3.4 Availability process and inventory management system will be included • The availability of the system must continue with the level of service for users 7 days for 24 hours, ensuring adequate schemes that allow for possible failure in any of its components, have an extraordinary generation Alarm. 3.3.5 Reliability • The system must have easy-to-upgrade documentation that allows maintenance operations to be carried out as easily as possible • The interface must be equipped with a good support system (management may fall to staff with little experience in the use of computer applications). 3.3.6 Mobile description of software requirements 21. Web Information System for Administrative and Academic Process Management Of The La Victoria Metalmineral Socialist Training Centre, p. 21 Edo. Aragua Software Requirement Specifications The system will be deployed under the Windows platform. Software needs description