Palm vein technology seminar report pdf

Download reports for Palm Vein Technology ??????????? As the technological threat to personal data and national security has increased, so has the rise. The methods that were developed to obtain important information from external intervention were not safe. We need to introduce technology that better protects our data from illegal interference. Fujitsu has developed a technology to authenticate palm vein models that uses vascular patterns as personal identification. Vein recognition technology is safe because authentication data exists inside the body and is therefore very difficult to counterfeit. That's very accurate. This technology can be used in various areas such as banking, hospitals, government agencies, in issuing passports, etc. Business growth will be achieved through these solutions by reducing the size of the palm vein sensor and reducing authentication time. Hand vein is a biometric modality that seems promising as it is acquired in near infrared light (NIR), which means that skin changes and dirt are less intelligent than in visible light. In addition, the hemoglobin that flows in the veins is reasonable for NIR light, thus allowing good quality acquisition of hand veins. You can use either the back of your hand or your palm. A recent study using back hand vein data and testing with 5 sessions per person and 50 people showed promising results. The main problem with this database is the low resolution of images (images with a resolution of 132x124 pixels). The first commercialized products were produced by Hitachi on the back and Fujitsu in the palm of your hand. They have been patented, but they contain only a little information. Do these companies claim a very low FRR (false waiver rate) at a very low FAR (false admission rate) on a huge database? about 0% by 140,000 hands. Unfortunately, there is currently no public database to verify these figures. Typically, in the various works present in the literature, after the acquisition phase, some relevant algorithms are used, such as the Hausdorff Distance Linear Segment (LHD) method. The LHD method has good results from the experiment. But, information about the structure of the palm vein is not as clear as the veins of the hands, so the line-based function is not a good choice for the recognition of palm veins. The Hausdorf (MHD) comparison, based on trivia and distance analysis, was used to recognize the veins of the hands. The minutiae-like feature could also be extracted from the palm vein pattern; however, the Hausdorff distance algorithm used in the trivia analysis is sensitive to geometric transformation. In addition to P2PM, LHD and MHD, all existing mapping methods suffer from the problem of rotating and changing images. So develop a new mapping method that can effectively solve this problem. This paper presents a new and effective effective method by introducing the iterative nearest point algorithm (ICP) into the palm vein test. The ICP algorithm was first proposed by Besl and McKay and was originally used to register 3D (3D) range images. It is also good for aligning 2D (2D) images. In the proposed method, we first extract information about veins from the Region of Interests (ROI). When comparing two PIs, we use SMEs to evaluate the rotation of R and the T translation between them. We then use calculated R and T to correct AI to reduce variations in rotation and shear. Sophisticated ROIs alignment can be of great benefit in the subsequent palm vein check. Details of the ICP algorithm are described later in the report. This article is about palm vein technology, its application, how this technology is applied to real-time applications and the benefits of using this technology. Download the reports for Palm Vein Technology Btech CSE Workshop Report Palm Vein Technology uses vescular models to identify personal data. It is designed by Fujitsu. Palm vein recognition technology is safe because authentication data exists inside the human body and is therefore very difficult to counterfeit. He's definitely tall. This palm vein template technology is used in many areas for security, such as ATMs, personal computers, banking, hospitals, libraries, government agencies, issuing passports, authentication, etc. in today's ubiquitous network world where people can easily access their information at any time and anywhere and therefore people face the risk of accessing the same information at any time and in any other easily. To overcome this kind of problem, Fujitsu has developed four types of techniques: fingerprints, faces, voice fingerprints and palm veins. The image of a human palm vein is converted into data points by algorithms, which are then compressed, encrypted and stored by the software system and recorded along with other details in his profile. This registration is stored as a reference for future comparison, then every time a person tries to log in to gain access by scanning the palm of their hand to a specific bank account or secured entrance, etc. the technology of authentication of palm veins is made with a vascular pattern on the poke of the hand or finger. Thus, the structure of the palm vein is very complex and covers a large area. It is easier to photograph the vascular pattern because the palm is bald. Conclusion: The technology of authentication of palm vein models is used in a wide range of areas in Japan. If introduced in our country, many problems can be solved, like password protection in ATM, security in many areas, etc. be punctual and work according to government deadlines and it is this technology that can bring a dramatic revolution in the technology in the very near future. Download the Btech CSE Workshop Report by Palm Vein Technology. There is a great danger to national security and personal data with today's extensive network technology and therefore Fujitsu has developed a technology called the palm vein authentication pattern. It works on vascular models as personal identification. Palm Vein Technology Workshop provides security of authentication data present in the body and is therefore difficult to fake. This gives high accuracy. It is used in various areas such as government agencies, hospitals, banking, in issuing passports, etc. There can be a huge development in business through these solutions. Reduces the size of the palm vein sensor and reduces authentication time. We can apply this vein technology in front of our homes to maintain a great range security, and it is only possible with this technology and the Japanese are using this technology. There is a public library in Japan for the application of palm vein biometrics, and this library is the first library in the world to use this technology. The University of Tokyo Hospital has applied a contact authentication system of less palm veins to have safe physical access to its Information, Planning and Management Division. The authenticity of the veins works on a vascular pattern that is on the back of the hand or finger. This technology is the most complex, which covers the widest area. It is easy to get a photo of a palm vascular pattern because the palm is bald. It is used in ATMs, personal computers, hospitals and libraries, authentication, etc. to provide great security. Conclusion: The technology of palm vein authentication was developed by Fujitsu. If this technology is used in our country, many of our problems can be solved, like protecting ATM passwords, security in many areas and the introduction of this technology in government agencies can make employees punctual. This technology can bring good changes in today's world in the near future. Download the Palm Vein Technology Technical Workshop. Palm Vein Technology Workshop and PPT with PDF Report: Because of the rise in sign of the dangers of technology for personal information, there is an increment in national security too. Advanced methods of protecting basic data from outsiders do not provide strong security features and because of all these parameters, the need for modern technology has evolved to protect information. The palm vein technology template was developed by Fujitsu and this applied science uses vascular models as private identification information. The veins of recognition of applied science is much protected because legally valid information will inside the body and it becomes very difficult to lose and with it is quite accurate. This page consists of the Palm Vein Technology Workshop and PPT with PDF PDF Also, see: Telepresence Workshop and PPT with PDF Report Palm Vein Technology Workshop PDF Report and ppt Palm Vienna Technology has applications in many areas or areas like banking, government agencies, in issuing passports, and in hospitals. People can gain growth in business by using these solutions, as well as by reducing the size of the sensor used in the palm vein, by reducing legal time. In a ubiquitous society network, people just access the data and they even get the risk because other people can also get the data. Because of such risks, personal identification of applied science is enjoyed, and it has features such as passwords, identification cards and personal identification numbers. Identity cards can be lost or stolen by others, numbers and passwords can be guessed by others and can be forgotten by the user; to avoid all these issues Fujitsu worked and developed four methods, and these methods are as follows: Face Voice prints the palm of the palm vein of the Palm Vein Applied Science: The individual person initially lies his/her wrist on the machine and near infrared flashes of rays in the palm of his hand. Painting the palm vein step-by-step procedure turns into data points, after which the image undergoes the encryption and compression process and will finally be saved. The test is carried out by comparing the number of veins, as well as the position of the veins; border crossings are also compared, and finally, after the required verification, the person will be given access to the data or the person will be denied access to the data. Registration with Palm Vein Applied Science or Technology: Steps related to registration using palm vein technology, the following: Initially, we need to register the palm pattern in the palm vein scanners. The registered palm pattern will be saved, and with it the user's personal data will be stored. How safe is Palm Vein technology? Palm vein technology has been tested on more than 70,000 people and has been proven to have a very low level of false rejection along with it, it has a very lower level of false acceptance. Thus, we can say that the technology is very protected or protected. What happens if a registered palm tree gets damaged? If the registered palm gets damaged, then we cannot use the technology, and it is also ordered to take the veins of two hands, because if one gets damaged, then users can get the data from the other side. The advantages of Palm Vein technology: The benefits of palm vein technology are this: it has a feature of precision. It has a feature of reliability. It's cost-effective. Also See: Smart Dust PPT with PDF Report Of Palm Vein Technology Flaws: Palm vein technology is as follows: it contains many factors that can affect the captured picture, as well as its quality; influencing factors include temperature, focus, humidity, heat radiation and more. It is not available in production due to expensive features. Application of Palm Vein technology: Palm vein technology is used in various areas because of its features, and some of its applications are as follows: ATM Hospital Authentication Government Institutions Personal Computers Library Banking Passport Concluding: Palm Vienna technology advanced by Fujitsu enjoys in a wide range in Japan, the use of palm vein technology can solve many issues in our country, like protecting passwords in ATMs, protecting in many areas and using it in applied science in government agencies makes employees work in accordance with government terms. Palm vein technology will bring revolutionary changes in science and technology. Content Workshop and PDF Report Palm Vein Technology Introduction of our current security measures, how does it work? Application Benefits Of Disadvantages Conclusion Help Here we give you a Palm Vein Technology Workshop and PPT with a PDF report. All you have to do is just click on the download link and get it. Palm Vein Technology PPT and Workshop free download Palm Vein Technology PDF Report Free Download It was all about palm vein technology workshop and PPT with PDF report. If you liked it, then please share it, or if you want to ask anything, please click the comment button. Vein Technology (PVT) Workshop PDF Report and ppt2017-03-10T13:39:52'00Sumit ThakurECE SeminarsPalm Vein Technology Seminar and PPT with pdf report: Due to the rise in the dangers of technology for personal information, there is an increment in national security too. Advanced methods of protecting basic data from outsiders do not provide strong ... Sumit ThakurSumit Thakursumitsssrt@gmail.comAdminatorI I am an Indian blogger. I'm passionate about blogging. If you want to ask me anything about blogging, then feel free to ask ☺Shuaia Mafia: Latest PPT Topics Workshops with PDF Report 2020 2020 palm vein technology seminar report in ms word. palm vein technology full seminar report