عنوان مقاله:
A Review and Proposal of a Model for Patient Authentication and NFC Mobile Payment with Smart Health Card

محل انتشار:
اولین همایش ملی الکترونیکی پیشرفته های تکنولوژی در مهندسی برق، الکترونیک و کامپیوتر (سال: 1393)

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خلاصه مقاله:
Following the advances in mobile communication and information technology, the application of Information Technology and specifically smart phones can be used in a wide variety of commercial, social, entertainment, file sharing and health transactions and applications. The current procedures in healthcare environment for patient registration, appointment scheduling and payment are time consuming and somehow tiresome. Traditionally, patients would fill out registration forms and wait for being called and finally standing in long lines for payment procedures. In some places appointment could be done online via web but still the patient has to walk in with appointment card and in our case the insurance booklet to the front desk personnel to pay for services and receive discounts for insurance, before visiting the doctor. Considering this drawback, we have proposed a model using Near Field Communication (NFC) technology for a subspecialty medical clinic which this clinic, at the moment offers online and call services for making an appointment but still patient waiting time is too much considering the current process of payment for services.

کلمات کلیدی:
Near-Field Communication, Healthcare, Smart Health Card, mobile payment

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