ELECTRONIC HEALTH RECORD SYSTEM THAT DEALS WITH UNCERTAINTY

Ms.N.Padmapriya,
Assistant Professor,
Department of Computer Science and Engineering, SSM Institute of Engineering and Technology, Anna University,Dindigul, Tamil Nadu

Roseline Jayashree J
UG Scholar
Department of Computer Science and Engineering, SSM Institute of Engineering and Technology, Anna University,Dindigul, Tamil Nadu

Samreen Fathima S
UG Scholar
Department of Computer Science and Engineering, SSM Institute of Engineering and Technology, Anna University,Dindigul, Tamil Nadu

Vijayalakshmi R
UG Scholar
Department of Computer Science and Engineering, SSM Institute of Engineering and Technology, Anna University,Dindigul, Tamil Nadu

ABSTRACT

An Electronic Health Record (EHR) is a electronically-stored health information that is systematically assorted in a digital format. EHRs area unit period, patient-centered records that build data out there instantly and firmly to licensed users. whereas associate EHR will contain the medical and treatment histories of patients, associate EHR system is made to travel on the far side customary clinical information collected throughout a provider's workplace and may be comprehensive of a broader read of a patient's care. However most of the prevailing EHR systems has drawbacks related to the high direct acquisition prices, Security, in progress maintenance prices, and disruptions to workflows that contribute to temporary losses in productivity . The projected EHR system fulfils all of these drawbacks and conjointly focuses on key EHR functionalities, as well as computerised order entry systems, and health data exchange, clinical outcomes (e.g., improved quality, reduced medical errors), structure outcomes (e.g., monetary and operational benefits), and social group outcomes (e.g., improved ability to conduct analysis, improved population health, reduced costs). Moreover, the projected EHR system principally focuses on the Privacy and Security of the patient details and it conjointly deals with the unsure information within the system that allows the admin to observe the knowledge within the operating of the system that ultimately helps to produce a far better building.

1.INTRODUCTION

An Electronic Health Record (EHR) is a electronically-stored health information that is systematically assorted in a digital format. These records will be shared across completely different health care settings. Records ar shared through network-connected, enterprise-wide data systems or alternative data networks and exchanges. EHRs might embody a spread of knowledge, as well as demographics, case history, medication and allergies, immunisation standing, laboratory check results, radiology pictures, important signs, personal statistics like age and weight, and request data.

A decade past, electronic health records (EHRs) were touted as key to increasing of quality care. Today, suppliers ar victimization information from patient records to boost quality outcomes through their care management programs. Combining multiple styles of clinical information from the system's health records has helped clinicians establish and