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# Online E-Health Smart Card System

* **Work Process**
* According to patient’s needs the hospital management introduced Health Card Schemes like one-year health card, two-year health card and lifelong health Cards. First Patient chooses the Health Card according to the patient’s requirement, depending on Health Card patient gets the discount on medical bill. Every person who is willing to issue the Health Cards, depending on card value, first need to pay Card Value to the Organization. In this E-health card system there are two entities namely, Chairman and Branch Manager. Chairman can login using credentials, manages various branches by editing the information related to it, Manages Manager by editing information and deleting manager. Chairman can manage health card by issuing new card, extending dates and cancelling. Chairman manages reports by state, branch and district wise. Branch manager can login and can only manage customers by issuing new health card and can manage reports. The electronic health card system helps the user to see any documents, source code, tasks, activities, team information with details at the click of a button. The record data is maintained and backed up in such a way that data is not loss. The speed of the system could also increase
* Here we used different process to take such advance technology with hardware and their specific software to related such fields which are mention below:-

Data Exploration

Data Cleaning

Applying ML Algorithms

Decision Tree

* ***Needs and Solution***

Implementing healthcare smart health cards with an identification number and pin or biometric authentication would enable the creation of personalized online services, a quintessentially "patient-centric" approach. However, these initiatives are still in the development stages.

the ability to verify benefits, expiration dates, repeated, and multiple uses is under-used.

thus far, the benefits of paperless, electronic medical data exchanges have not been fully tapped. yet cards have a role to play in creating consistent databases, with the automatic reading of data, and the temporary or permanent confidential local storage of additional data such as blood groups, allergies, chronic diseases, and associated treatments.

* ***Benefits***
* Patient get discounts on medical bill.
* Card with benefits has lifetime validation.
* This card maintains data of patient.
* With the of this it is easy to take survey of population counting
* ***Financial Costs***
* The financial cost depend up on where you are implements. If you are using such facilities for private sector then it is little bit chief but as used by governments it will varies up the total population of country.
* **Conclusion**
* This robust technology can strike at the heart of fraud mechanisms, often with little investment in infrastructures, and without significant changes for patients and healthcare professionals.