**NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY**

**YELAHANKA, BANGALORE**

**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**UG PROJECT WORK SYNOPSIS(2020-2021)**

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| **ProjectSynopsis** | | |
| **Department: Information Science and Engineering** | | |
| **Year: 2020-21** | | **Semester: V** |
| **Students Name&**  **USN** | | **Akshatha B Anjutagi 1NT19IS401**  **Lavanya k 1NT19IS407**  **RenukaKaradagi 1NT19IS412**  **Yashodha MN 1NT19IS416** |
| **Name of theProject Guide** | | **MrsNavyaC** |
| **Domain** | | **Cloud computing** |
| **Title/Topic of the Project** | | **Electronics Health Records management and Patients health monitoring system using Cloud Technologies** |
| **Abstract(Not more than 100-150words)** | | |
| Healthcare system is one of the important sectors in any country for its national income. In India, Communication innovation in social insurance area has not been altogether actualized to improve its nature of administration. Growing use of communication technology many countries have implemented e-health card system. At present there is no existing electronic health care system in India. The point of this proposed e-Health card framework is to improve effectiveness, access of medicinal services administrations. Using the e-Health card all patient’s data, doctor’s prescription, patients present and previous health history can be accessed through a web page by the authorized parties. Our proposed thought conveys the benefits of secure medicinal services in India utilizing data and correspondence advancements. Digital records allow for better tracking and more standardized documentation of patient interactions, which has the potential to reduce error. With advanced paper trails, unintelligible penmanship in clinicians' notes or medicines is never again a problem.  It is essential to keep every patients history records, yet not many of them are utilizing the framework and generally in the city territories. The majority of the private indicative focuses and emergency clinics have their very own database to keep patient's records.  A patient may visit a hospital for treatment of a particular disease or illness and sometimes may have to be promoted to a hospital with better facilities and technological advancements, in such case a database which be accessed by every hospital is necessary, therefore our project aims on providing database and a web page which can accessed by all the hospital. | | |
| **Objectives** | 1. Maintain and store Patients health records in cloud. 2. Provide patients previous health details to doctors and hospital for easy diagnose. 3. Monitor the health parameters like body temperature and heart beat by using sensor. 4. Use Internet of Things to check patient health condition remotely from anywhere from the world. | |
| **Deliverables** | **It is a Product , using this**   1. **Doctor can access patient health records using patients unique health ID CARD.** 2. **Doctor Can Monitor patients Health parameters remotely from anywhere from the world.** | |
| **Signature of the Students:** | | |
| **Signature of the Guide:** | | |
| **Signature of the Head:** | | |