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| **Group-ID** | **Student Registration Number** | |
| **G15** | **2020-CS-135** | **2020-CS-139** |
| **Project Title (Max. one line title)** | | |
| Hospital Management System | | |
| **Project Description (Min. 600 words)** | | |
| The hospital system software covers the services that unify and simplify the work of healthcare professionals as well as their interactions with patients. By this Program we are going to change the whole the ancient trend of ***Hospitals*** that is so troubleshooting for the **Patients.**  Patients have their own system accounts where the list of various actions can be performed. They are able to make online requests or reservation, receive the test results, and receive the consultation of the medical specialists and many more. We are going to facilitate the patients in such a way that he can perform all the tasks easily by sitting in his house. We are managing the Patients in such a way first Patient will register in the HMS. And then all further procedures will be performing with the help of patients account. Patient also be able to check his Tests, pending dues and all the basic information that will be helpful for it. By confirming the appointment we’ll give him the **token number, time and date.** The hospital record includes all the necessary patient data. The disease history, test results, prescribed treatment can be accessed by doctors without much delay in order to make an accurate diagnosis and monitor the patient’s health. It enables lower risks of mistakes. So patient there is no need of worry for the patient in this matter.  Hospitals authorities are able to manage their available resources, analyze staff work, and reduce the equipment downtime. Another fact to mention is that hospital staff deal with the digital data instead of **endless paperwork.**  As we are trying to provide best services and interactions in all possible ways, everything is being planned with greater precision. It saves the time of all the system users and provides them with up-to-date information.  Program also have the Ability to deal with Emergency cases of all upcoming patients and keep their record.  Program not only deals with the Patients but it also have the feature for the faculty staff of the Hospital. It will also manage the staff details working the hospital and also appoint them a particular job to done in the hospital. The hospital management Staff also have the access to the hospital rooms so that they can allot a particular room to the particular Patient. Hospital also have the ability of a Laboratory where all the tests recommended by the doctors and then send their reports to their accounts. Where patients can easily see his reports. Hospital also have the ability of the Pharmacy that holds all the medicines recommended by the doctors and patients can purchase them easily. Here we are providing a facility to the patient that sometimes the Guardian does not have payment on time so we facilitate them by giving medicine and tests without any payment but all payment will be added to the patient’s record and they must have paid their bills within a given deadline.  There will be multiple admins that manage the record of their appointed category. By doing this we are dividing the tasks into sub tasks and then managing them in a easier way. One admin will manage the record of Patients and doctors. While there is also another admin that manage the Staff duties, Hospital rooms details receptions and Laboratory tests and medicine details etc.  In this there will be no burden on one person and all going to collaborate in their best and Hospital will make progress by day and night. | | |