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| **Group-ID** | **Student Registration Numbers** | |
| **G-09** | 2020-CS-120 | 2020-CS-130 |
| **Project Title:** | | |
| **E-Knowledge Medical Health Care System** | | |
| **Project Description:** | | |
| The objective of the E-KNOWLEDGE MEDICAL HEALTH CARE SYSTEM framework is to improve the proficiency of the medical services framework by decreasing the general time and cost used to make records and recover data. The primary feature of E-Knowledge in Health Care framework is to give the program to get arrangements to have a complete medical staff on the board. Staff includes doctors having specified specializations, Pharmacists based on their categories working either in Industry and Pharmacy and to program to get arrangements from a specialist through desktop application to going there and fixing an appointment. Further, providing a complete framework for an industry to manage and manipulate all the batches of medicines being made there and making them communicate with Pharmacist at the Pharmacy to keep the medicines up to the stock in the Pharmacy. In Doctor's side they can see their appointments and endorse medication for their patients. E-Knowledge in Health Care System keeps up quiet's remedies so their clinical subtleties are consistently accessible, which will be more helpful for the patients. This will be more agreeable for the patient. Patient subtleties and solutions are looked after privately.  There are 5 Main Modules in E-Knowledge in Health Care System that are manageable. They are   * Administrator Module * Counter Module * Doctor Module * Industry Module * Pharmacy Module   At the Administrator module, the administrator will keep track of all the doctors based on specified specializations, Pharmacists based on their categories working either in Industry and Pharmacy and workers working in thrice places. Their complete information would be handled. Registration message and email would be received if they get registered.  At Counter side, arrangements would be carried out to facilitate the Patients visiting the clinic and get the utter information about doctor timing, specialization, availability and many more. Patient would also be facilitated with if he want to fix an appointment for later visit or he seeks an emergency provision. He would also pay the fee of appointment at that intermediate stop. Moreover, if he get asked to go through certain test information related to that would also be facilitated right there.  In Doctor's side they can see their appointments and endorse medication for their patients. The main task is to store patient details and fetch these details once needed, and additionally to control these details meaningfully.  At Pharmacy, a complete framework would be handled. How much a certain medicine cost, how many medicines of a certain batch are left there, which clients have visited them, what’s in their stock or what there is not. Moreover, Pharmacists and Assistant Pharmacist working hours would also be considered. Their salaries, their increments and many more. At the end, an arrangement would be made to calculate profits and loss and generate a report and provide them to owner of the system or the spokesperson.  At Industry, a complete framework would be handled rather it contain all the information of medicines being made there, all the details of machinery, allocation of pharmacists to certain batches, their working hours. Estimated time of how long will it take to manufacture a complete batch of medicines. Furthermore, it will keep track of record of all the workers working in the industry their working hours, their overtime, salary and many more.  Both the two interfaces would be linked with each other as there is one, manufacturing the medicines and latter is the one selling those medicines. So, industry instead of selling their medicines batch explicitly they would provide them to the Pharmacy according to their requirement based on the report generated at the Pharmacy end. At pharmacy end it will be in check that what is in stock and what is sold out. | | |