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ISA Project, Health and Well Being,

The process of designing any service or solution in the health industry must be centered around the patient. Making these commitments is about doing the right thing for patients. It's also about ensuring that research and development is sustainable for better follow up with meaningful outcomes that patients want. One very important aspect of the patient's experience is the waiting time. Patients usually see long waiting times as obstacles to obtaining services and long unnecessary waiting time can be a cause of stress for both the patient and the doctor. This calls for mechanisms to be put in place to cub this phenomenon. Data entry, retrieval, storage and analysis is of paramount importance in the rapid management of patients as soon as they arrive in a health care facility. At every stage of the patient's care, data is collected, from the reception till when the patient is administered a treatment. Developing a well elaborated system with qualitative and quantitative outcomes with real time analysis can help in decision making for better patients' management and satisfaction. My project is focused on the following topics

- Patient Grievance Mechanism / Waiting time management in German Hospitals
- Data collection and analysis (Reporting Format)
- Hospital Information System (Software, Database management) / Billing system
- Inclusiveness in German Hospitals (Disabilities preferential)
- Volume of Patients (Trend)

A hands-on Experience with a German Health Institute is preferential for more enlightenment on this research topic. This research project will benefit the entire health sector in Cameroon. There is no precise medical database in Cameroon as of now. Technology remains properly tool to improve the health sector in Cameroon. Creating a centralized medical database where all health care centers can have access through customized modules will enhance accurate and real time reporting of major diseases prevalence and call for immediate action in that light. A pilot phase of this project will be carried out at the **Magrabi ICO Cameroon Eye Institute.**

The progressive digitalization of the medical field in Cameroon will continue to dramatically alter the health care landscape in the years to come. Technical innovations in the fields of hardware and software will allow more personalized prevention, more precise diagnoses, accurate reporting systems and more tailored therapies – which will mean better healthcare and lower costs in sustainable manner.