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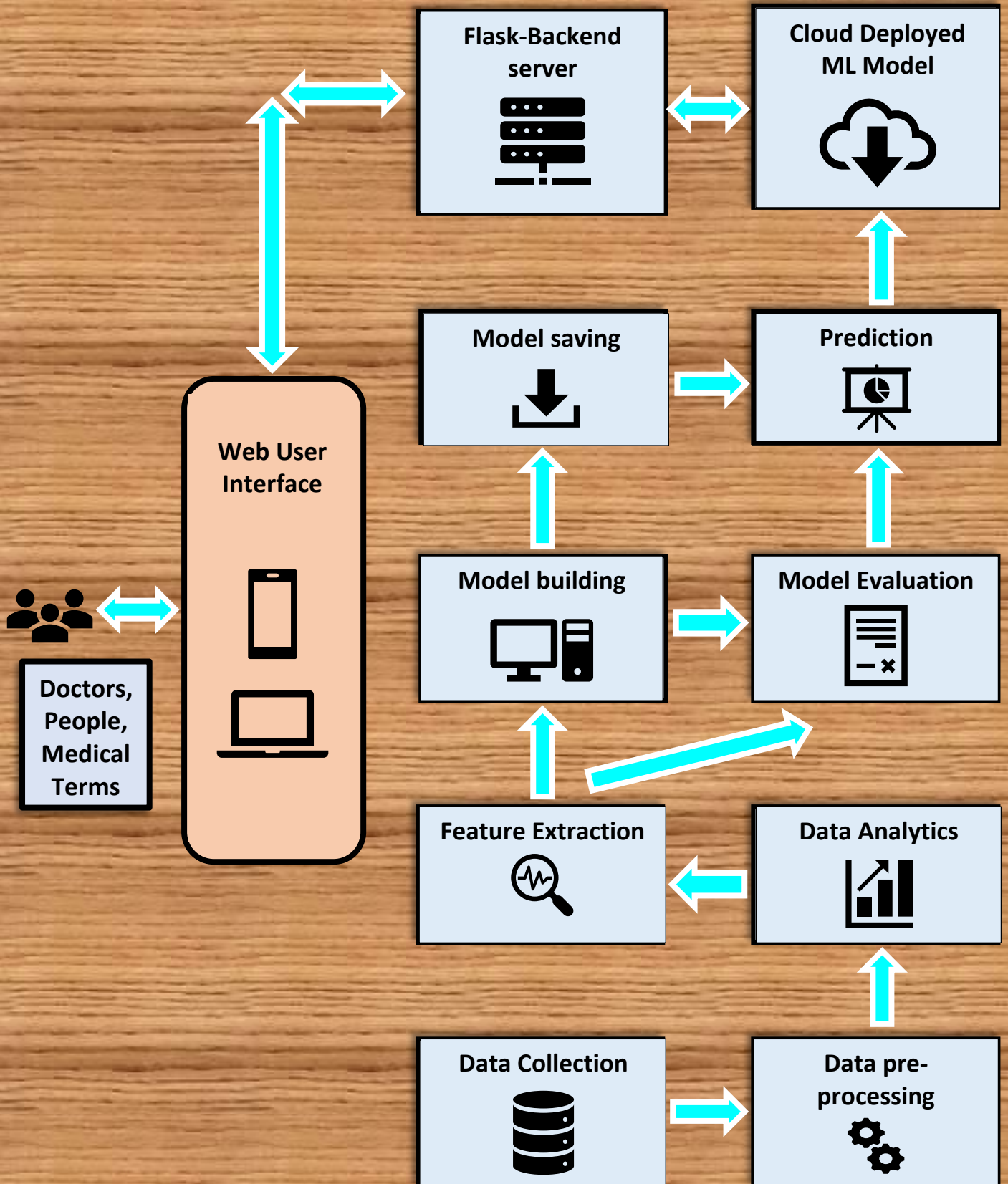


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App etc	HTML
2.	Application Logic-1	Logic for a process in the application	Python
3.	Application Logic-2	Logic for a process in the application	IBM Watson cloud services
4.	Data	Data with Data Type etc.	CSV file
5.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
6.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
7,	Machine Learning Model	Purpose of Machine Learning Model	Supervised learning model
8.	Infrastructure (Server / Cloud)	Application Deployment on Local System / cloud Configuration: Cloud Server Configuration	Local and Cloud

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	open-source frameworks used	Jupyter
2.	Security Implementations	access controls implemented	Through username and password
3.	Scalable Architecture	scalability of architecture	3-tier architecture
4.	Availability	availability of application	Use of cloud services which use load balancers
5.	Performance	Design consideration for the performance of the application	Number of requests per sec is 5. Cache is used for fast access.