



Mini Report - Clinic Registration

CRN: 43511

Group 10

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Project Title: Clinic Registration

Mandatory DB system (may change dependent on application):

New patient Registration

<u>patientID</u>	patientFirstName	patientLastNam e	usern am e	password	email	phoneNumbe r	age	gender	dateOfBirth
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New Doctor Registration

<u>doctorID</u>	doctorFirstName	doctorLastNam e	usern am e	password	email	phoneNumbe r	age	gender	dateOfBirth
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Appointment

<u>patientID</u>	phoneNumber	choosenDat e	time	doctorLastName	<u>doctorID</u>
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Suggested (TBD) DB system

- patientInformation (a list of information contain information about the client, eg: allergies, cancer, etc)
- Employee Check-In/Work Hours
- Prescription (patientfirstname, patientlastname, patientid, doctorid, doctorLastName, prescriptionName)

Motivation:

Among several other suggestions, the clinic registration stood out the most, for it required an advanced database. The initial motivation came from a pharmacy database, however it was decided that a clinic registration might have greater potential and have more room for implementing more components as compared to a pharmacy database. This will help build a stronger fundamental understanding of data management.

Implementation:

The tools that will be used to implement that system will be myPHP and MySQL alongside the use of PHP. The database will be used in a login and sign up page where the patient is able to create an account to gain access to the website. Within the website, the patient will be able to see previous prescriptions, upload prescriptions, download prescriptions, book appointments, view account information.