ABSTRACT

The project entitled **"THANAL"** is a web-based application for those living with paralysis. The proposed system includes five user's admin, patient, doctor, home nurse and hospital. The application is accessible from anywhere and it will basically lessen the manual work. In this project registered patients can find home nurses. Hospital administrator will add or remove doctors and also send the appointment time for patients who taken the doctor appointment. Admin can approve or reject home nurse request, view the requested patients for home nurse, provide informations for patients related with their health issues. Patient can take appointment of doctors and send request to the registered home nurse, view informations provided by admin. Home nurse can update their profile and change password. Hospital fix the appointment time for patients and provide hospital facilities, and handle the staff. Doctor can view the patients list who taken doctor appointment and update their profile. The purpose of the project is to develop software which is user friendly simple, fast, and cost – effective. This system can be entered using a username and password.

TABLE DESIGN

Table no: 1
Table name: login
Primary key: login_id
Table description: To store all user login details

Field	Datatype	Constraint	Description
login_id	int	Primary key	It stores the loginid
username	varchar	Not null	It stores the username for login
password	varchar	Not null	It stores the password for login
status	int	Not null	0 - inactive 1 - active

Table no: 2

Table name: nurse registration
Primary key: nurse_id
Table description: Registration table of home nurse.

Field	Datatype	Constraint	Description
nurse_id	int	Primary key	It stores the nurse id
first_name	varchar	Not null	It stores the nurse first name
last_name	varchar	Not null	It stores the nurse last name
mobile	int	Not null	It stores the mobile number
housename	varchar	Not null	It stores the house name
street	varchar	Not null	It stores the nurse city
pincode	int	Not null	It stores the pin code
email	varchar	Not null	It stores the email
gender	varchar	Not null	It stores the gender
dob	date	Not null	It stores the date of birth
nurse_certificate	blob	Not null	It browse the certificate
status	int	Not null	0 - inactive 1 - active

Table no: 3
Table name: district
Primary key: dis_id
Table description: Stores the district name

Field	Datatype	Constraint	Description
dis_id	int	Primary key	It stores the district id
dis_name	varchar	Not null	It stores the district name
status	int	Not null	0 - inactive 1 - active

Table no: 4

Table name: doctor registration
Primary key: dis_id
Table description: Registration table of doctor.

Field	Data Type	Constraint	Description
doctor_id	int	Primary key	It stores the doctor id
doc_firstname	varchar	Not null	It stores the first name
doc_lastname	varchar	Not null	It stores the last name
doc_mob	int	Not null	It stores the mobile number
doc_housename	varchar	Not null	It stores the house name
doc_street	varchar	Not null	It stores the street
dis_id	varchar	Foreign key	Retrieves the district id
doc_gender	varchar	Not null	It stores the gender
doc_qualification	varchar	Not null	Stores the qualification
doc_specialization	varchar	Not null	Stores the specialization
doc_experience	varchar	Not null	Stores the experience
doc_certificate	blob	Not null	Browse the certificate
status	int	Not null	0 - inactive 1 - active

Table no: 5
Table name: appointment
Primary key: appointment_id
Table description: Doctor appointment table for patients

Field	Data type	Constraint	Description
appointment_id	int	Primary key	Stores the id
patient_id	int	Foreign key	Retrieves the patient id
doctor_name	varchar	Not null	Stores the doctor name
appointment_date	date	Not null	Stores the date
status	int	Not null	0 - inactive 1 - active

Table no: 6
Table name: patient registration
Primary key: patient_id
Table description: Registration table for patient

Field	Data type	Constraint	Description
patient_id	int	Primary key	Stores the patient id
patient_firstname	varchar	Not null	Stores the patient first name
patient_lastname	varchar	Not null	Stores the patient last name
dob	int	Not null	Stores the patient age
patient_gender	varchar	Not null	It stores the gender
patient_housename	varchar	Not null	It stores the house name
patient_street	varchar	Not null	It stores the street
patient_category	varchar	Not null	It stores the category
status	int	Not null	0 - inactive 1 - active

Table no: 7
Table name: patient details
Primary key: log_id
Table description: Stores the details of patients who taken the doctor appointment.

Field	Data type	Constraint	Description
log_id	int	Primary key	It stores the id
patient_id	varchar	Foreign key	Retrieves the patient name
dob	date	Not null	Retrieves the dob
patient_gender	varchar	Foreign key	Retrieves the gender
appointment_date	date	Not null	Retrieves the date
appointment_time	int	Not null	It stores time
patient_medicines	varchar	Not null	It stores medicine details of patients
status	int	Not null	0 - inactive 1 - active

Table no: 8
Table name: fee payment
Primary Key: payment_id
Table Description: Fee payment details of patient

Field	Data type	Constraint	Description
payment_id	int	Primary key	It stores the payment id
patient_id	int	Not null	Retrieves the patient id
amount	int	Not null	Stores the amount
status	int	Not null	0 - inactive 1 - active

UML DIAGRAM