

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.

1. Admin Module

Admin can approve or reject home nurse request, view the requested patients for home nurse, provide informations for patients related with their health issues.

2. Patient Module

Patient can take appointment of doctors and send request to the registered home nurse, view informations provided by admin.

3. Home Nurse Module

Home nurse can update their profile and change password.

4. Hospital Module

Hospital fix the appointment time for patients. This module provide hospital facilities, and handle the staff.

5. Doctor Module

Doctor can view the patients list who taken doctor appointment and update their profile.

TABLE DESIGN

TABLE NO: 1

Table: login

Primary key: loginid

Table Description: To store all user login details

Field	Datatype	Constraint	Description
loginid	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

TABLE NO: 2

Table: nursereg

Primary Key: nurseid

Table Description: Home nurse registration

Field	Datatype	Constraint	Description
nurseid	int	Primary key	It stores the nurse id
name	varchar	Not null	It stores the nurse name
mobile	int	Not null	It stores the mobile number
housename	varchar	Not null	It stores the house name
city	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
ucertificate	blob	Not null	It browse the certificate

TABLE NO: 3

Table: district

Primary Key: disid

Table Description: Stores the district name

Field	Datatype	Constraint	Description
disid	int	Primary key	It stores the district id
disname	varchar	Not null	It stores the district name

TABLE NO: 4

Table: docreg

Primary Key: did

Table Description: Doctor Registration

Field	Data Type	Constraint	Description
did	int	Primary key	It stores the doctor id
dname	varchar	Not null	It stores the doctor name
dmob	int	Not null	It stores the doctor mobile number
dhname	varchar	Not null	It stores the house name
dcity	varchar	Not null	It stores the city
dgender	varchar	Not null	It stores the gender
dhospname	varchar	Not null	It stores the hospital name
dqualification	varchar	Not null	Stores the qualification
dspecialization	varchar	Not null	Stores the specialization
dexperience	varchar	Not null	Stores the experience
dcertificate	blob	Not null	Browse the certificate
disname	varchar	Foreign key	Retrieves the district name

TABLE NO: 5

TABLE: appointment

Primary Key: aid

Table Description:Book doctor appointment

Field	Data type	Constraint	Description
aid	int	Primary key	Stores the id
pname	varchar	Not null	Retrieves the patient name
page	int	Not null	Retrieves the patient age
mobno	int	Not null	Stores the mobile no
pgender	varchar	Not null	Retrieves the gender
date	date	Not null	Stores the date
pace	varchar	Not null	Stores the city name

TABLE NO: 6

Table: patientreg

Primary key: pid

Table Description: Patient registration

Field	Data type	Constraint	Description
pid	int	Primary key	Stores the patient id
pname	varchar	Not null	Stores the patient name
page	int	Not null	Stores the patient age
pgender	varchar	Not null	It stores the gender
pcity	varchar	Not null	It stores the city
phouse	varchar	Not null	It stores the housename
pcategory	varchar	Not null	It stores the category

TABLE NO: 7

Table:patientlog

Primary Key: paid

Table Description: Patient details

Field	Data type	Constraint	Description
paid	int	Primary key	It stores the id
pname	varchar	Not null	Retrieves the patient name
page	int	Not null	Retrieves the age
pgender	varchar	Not null	Retrieves the gender
dname	varchar	Not null	Retrieves the doctor name
ptime	int	Not null	It stores time

TABLE NO: 8

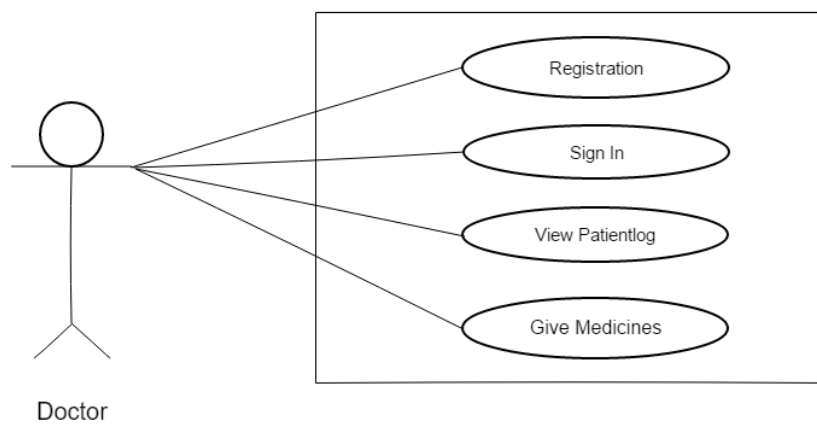
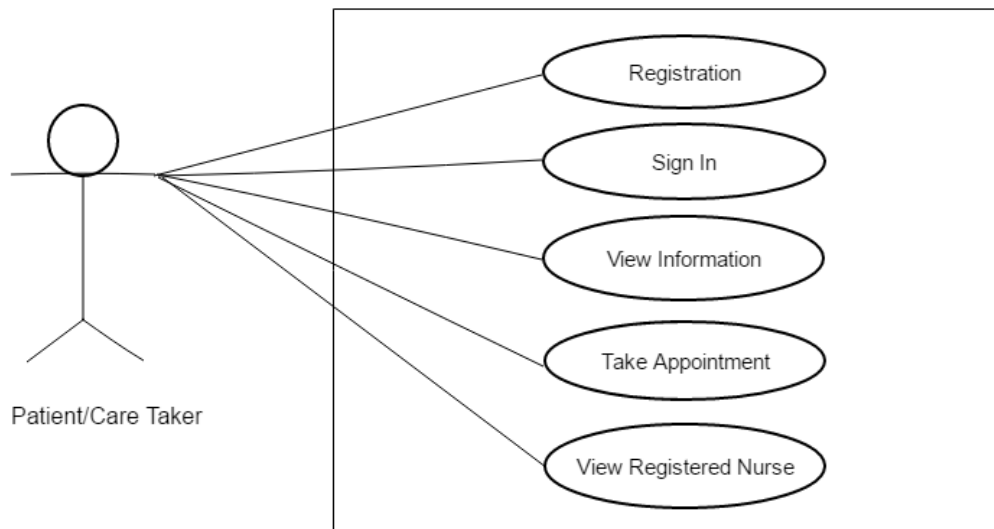
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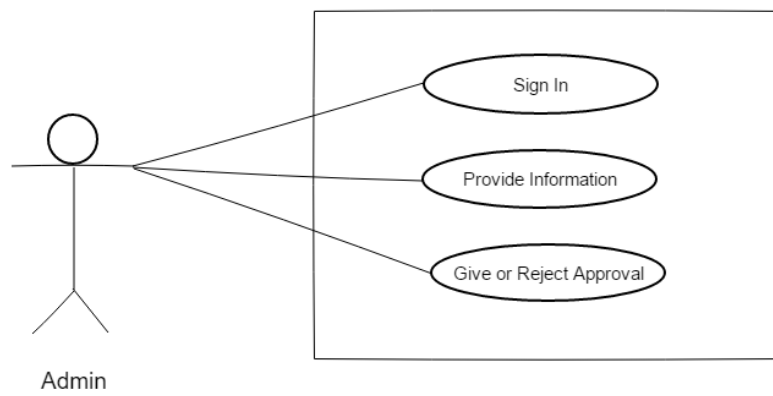
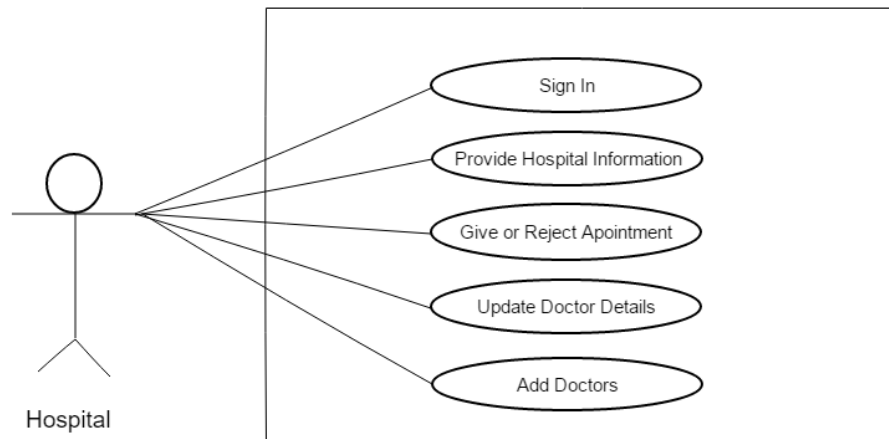
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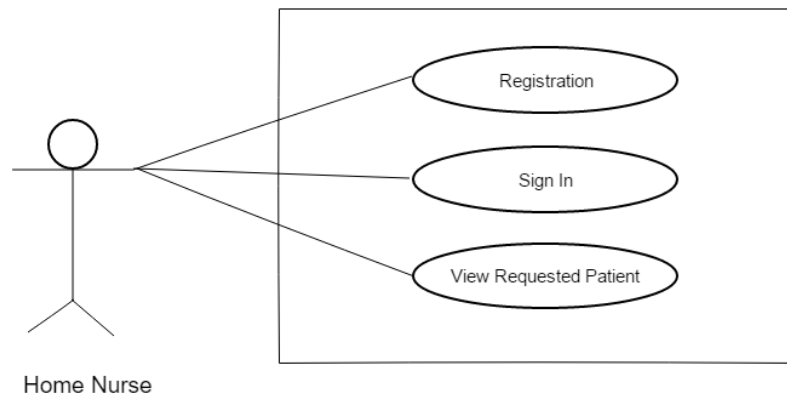
Table Description: Doctor fee

Field	Data type	Constraint	Description
paymentid	int	Primary key	It stores the payment id
customerid	int	Not null	It stores the customer id
cardname	varchar	Not null	Stores card name
cardnum	int	Not null	Stores card number
cardtype	varchar	Not null	Stores card type
expdate	date	Not null	Stores card expiry date
cvv	int	Not null	Stores cvv

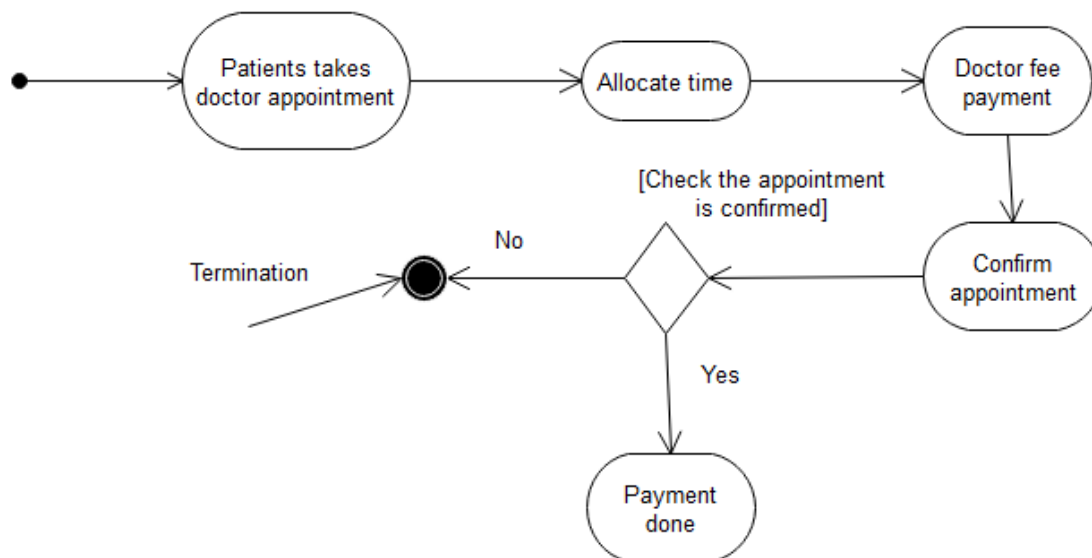
UML DIAGRAM



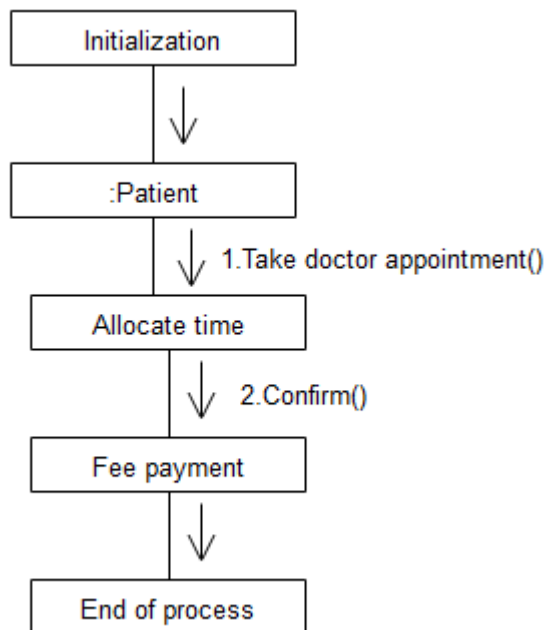




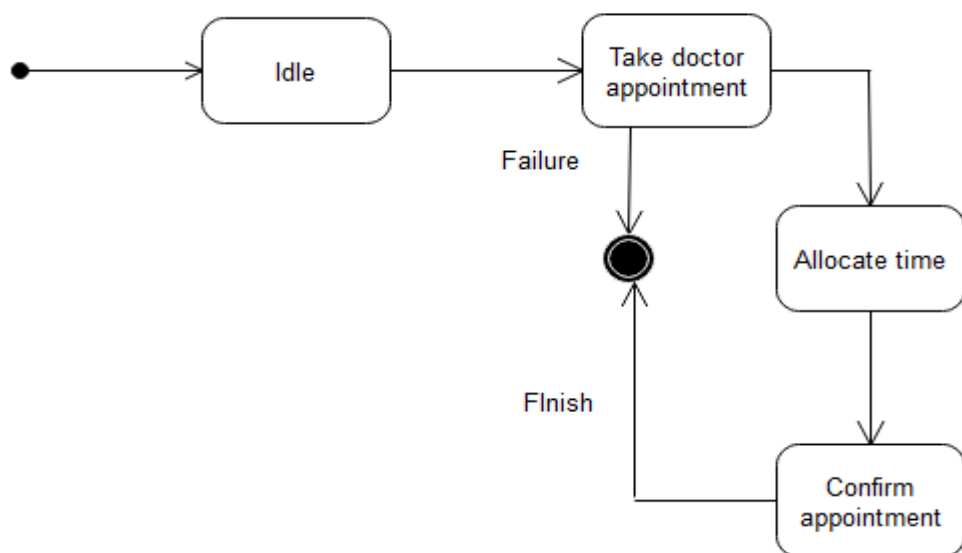
ACTIVITY DIAGRAM



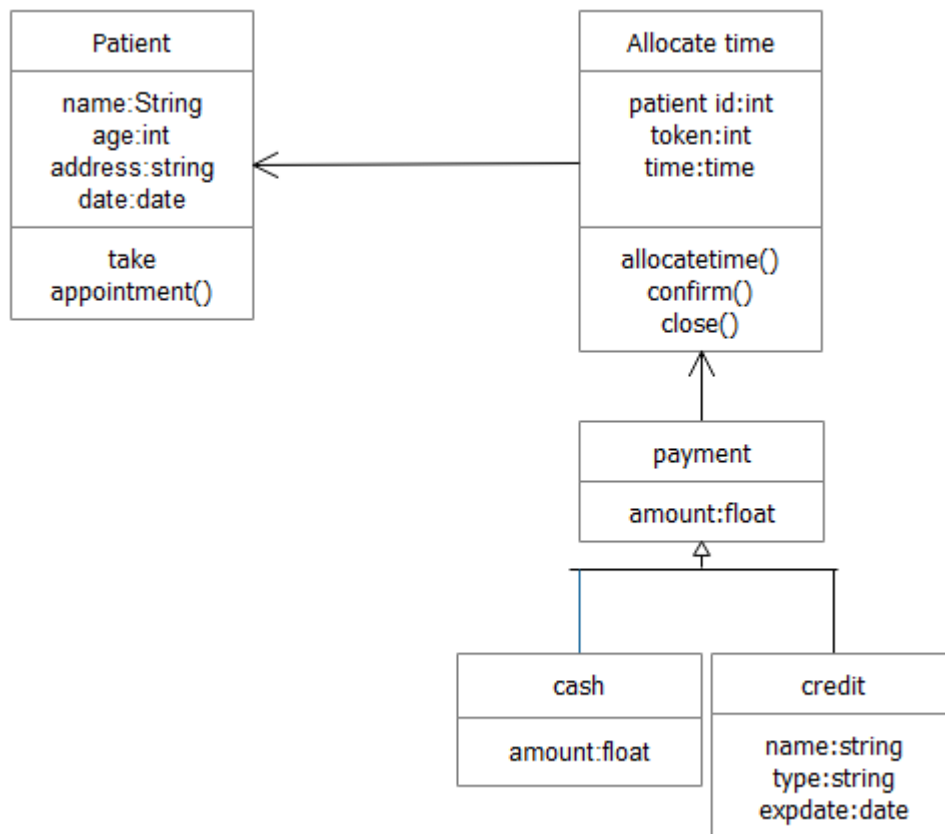
COLLABORATION DIAGRAM



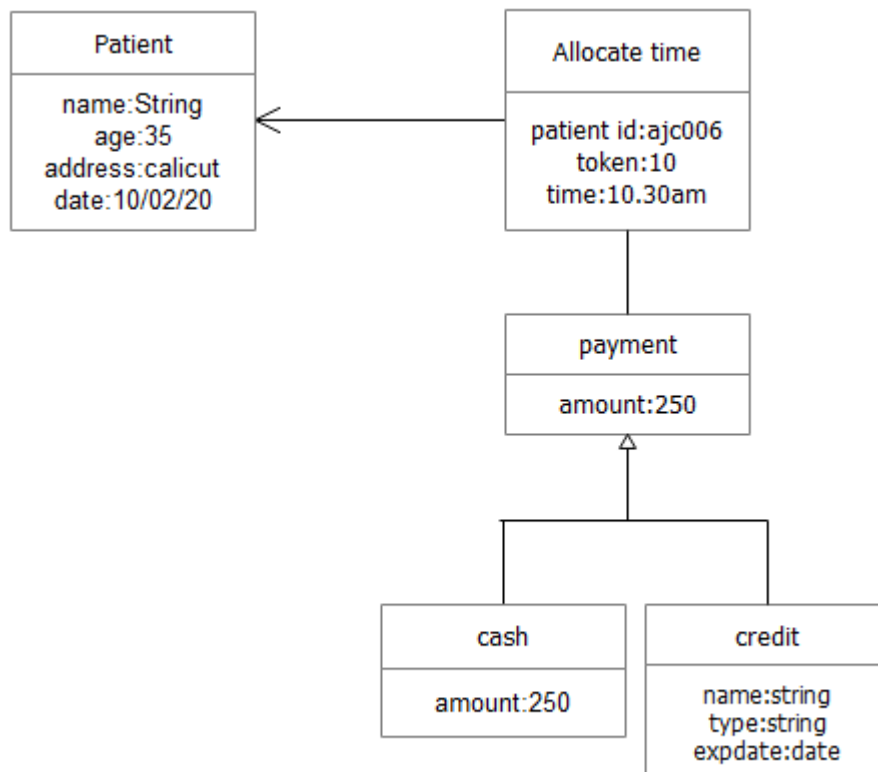
STATE CHART DIAGRAM



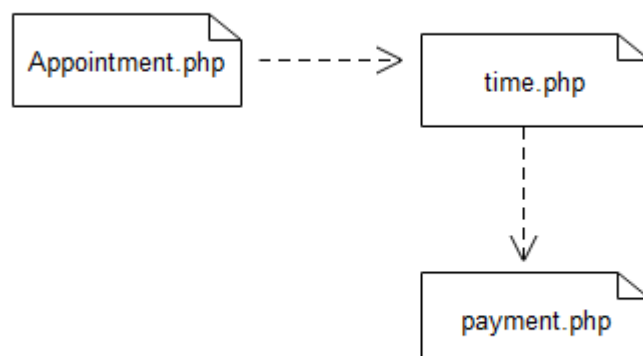
CLASS DIAGRAM



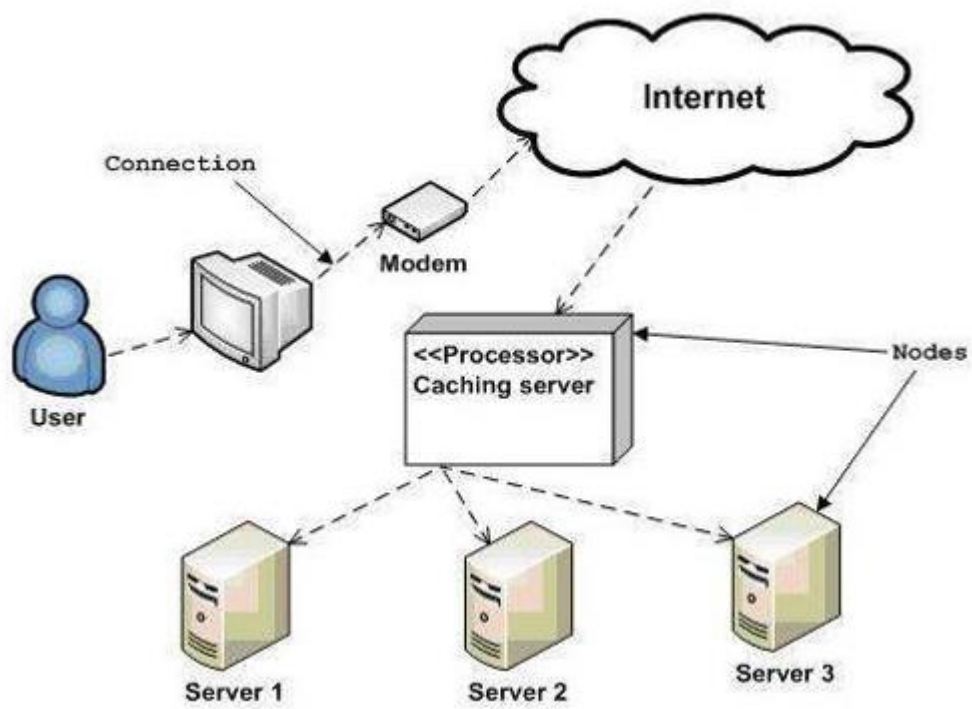
OBJECT DIAGRAM



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



SEQUENCE DIAGRAM

