

DOCTOR APPOINTMENTDESKTOP APPLICATION

- Introduction:

This project is about creating a desktop application for a client who runs a clinic. Project is aimed to reduce time consumption and maximize the work. This application will help the client by reducing the workload and by simplifying the business.

- Current System:

As of now client is using traditional techniques to maintain the records of patient's appointments on paper. These traditional techniques are wasting time and money of the client. On top of that maintaining records on papers is very difficult because most of papers gets misplaced or gets damaged and hence the client will have to recreate the data again.

- Problems Faced In Current System:

As mentioned above, client is using papers for maintaining record of all patient. As the number of patients increases, it is not possible to maintain records on paper. Papers gets easily misplaced and damaged and hence, client will have to recreate the data. Also client will have to purchase papers which will waste the money of the client. Inserting data in paper wastes time of client and customer.

- Proposed System:

- 1) Proposed system will clear drawbacks caused by traditional techniques.
- 2) Client can insert and view data of the appointment.
- 3) Client can also insert appointment.
- 4) Overall, application can be used to view data of appointments.

- Minimum Hardware Requirements:

1. Processor: 1.8 GHz or faster processor
 2. RAM: 2 GB of RAM
 3. Hard disk space: Minimum of 800MB
- **Software Requirements:**
 1. Operating System: Windows 7 and higher
 2. Frontend: Microsoft Visual Studio Code
 3. Programming Language: C++
 4. Backend: Simple .dat file
 - **Advantages:**
 - 1) Application will save time and money of the client.
 - 2) Appointments data can be inserted and retrieved easily in simplified format.
 - 3) Application will ease the client work.
 - **Estimated Time Required:**

The project is estimated to get completed for use within 3 months.

- **SCREENSHOTS:**

- **MAIN PAGE:**

```

                        _____
                        Doctor Appointment System
-----
1. Book Appointment
2. Check Existing Appointment
3. Show Names
0. Exit

Enter you choice: [ ]
```

- **BOOKINGAPPOINTMENT:**

```

----- Book Your Appointment -----
----- Availbale slots -----

Appointment Available for following hours :
A -> 09 - Available
B -> 10 - Available
C -> 11 - Available
D -> 12 - Available
E -> 13 - Available
F -> 14 - Available
G -> 15 - Available
H -> 16 - Available
I -> 17 - Available
J -> 18 - Available
K -> 19 - Available
L -> 20 - Available
M -> 21 - Available

Input your choice : B

Enter your first name:Tony

Appointment booked for Hours : 10 successfully !!
Please any key to continue..█
```

○ VIEWING APPOINTMENTS:

----- Appointments Summary -----

Appointment Summary by hours:

A->9 - Available

B->10 - Booked

C->11 - Booked

D->12 - Booked

E->13 - Available

F->14 - Booked

G->15 - Available

H->16 - Available

I->17 - Available

J->18 - Available

K->19 - Available

L->20 - Available

M->21 - Available

Press any key to continue..

○ VIEWING PATIENTS NAME:

----- Appointments Summary -----

B:Tony

C:Josh

F:Micheal

D:Joey

Press any key to continue..

○ EXITING APP:

Are you sure, you want to exit? y | n

y

C:\Users\Admin\Desktop\WEB>