Easy Health

Online Healthcare Website

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PROJECT SUMMARY

Online Healthcare Website, titled "Easy Health", is a web-based project developed in PHP. This Projects includes registration of patients, storing their details into the system. The software has the facility to give a unique id for every patient and stores the details of every patient.

This Project can be Used by Admin,Users, Doctors. It is accessible either by an administrator .Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and make the data processing very fast.

PROJECT REQUIREMENTS

Project Name	Easy Health
Language Used	PHP
Database	MySQL
User Interface Design	HTML,CSS,JAVASCRIPT, BOOTSTRAP
Web Browser	Mozilla, Google Chrome,Edge
Software	XAMPP

Cost Analysis using COCOMO model

We are using a basic Cocomo model based on LOC, i.e. number of lines of code. It is a procedural cost estimate model for software projects. Please refer to the data given below to verify the proceedings.

SOFTWARE PROJECTS	A	B
Organic	2.4	1.05
Semi Detached	3.0	1.12
Embedded	3.6	1.20

Please refer to the equations below to verify the analysis.

I. Effort Applied = a(KLOC)b [man-months]
II. Development Time = c(Effort Applied)d [months]

Our project consisting of 1.82 KLOC falls under the category of organic mode.

I. Effort (E) = a* (KLOC) $\wedge$b

= 2.4 * (1.82) $\wedge$1.05
= 4.5007
= 4 person- months

II. Tdev = C * (E) ^ d
= 2.5 * (4) $\wedge$0.38
= 4.2337
= 4 months

Level 0 DFD/Context Diagram
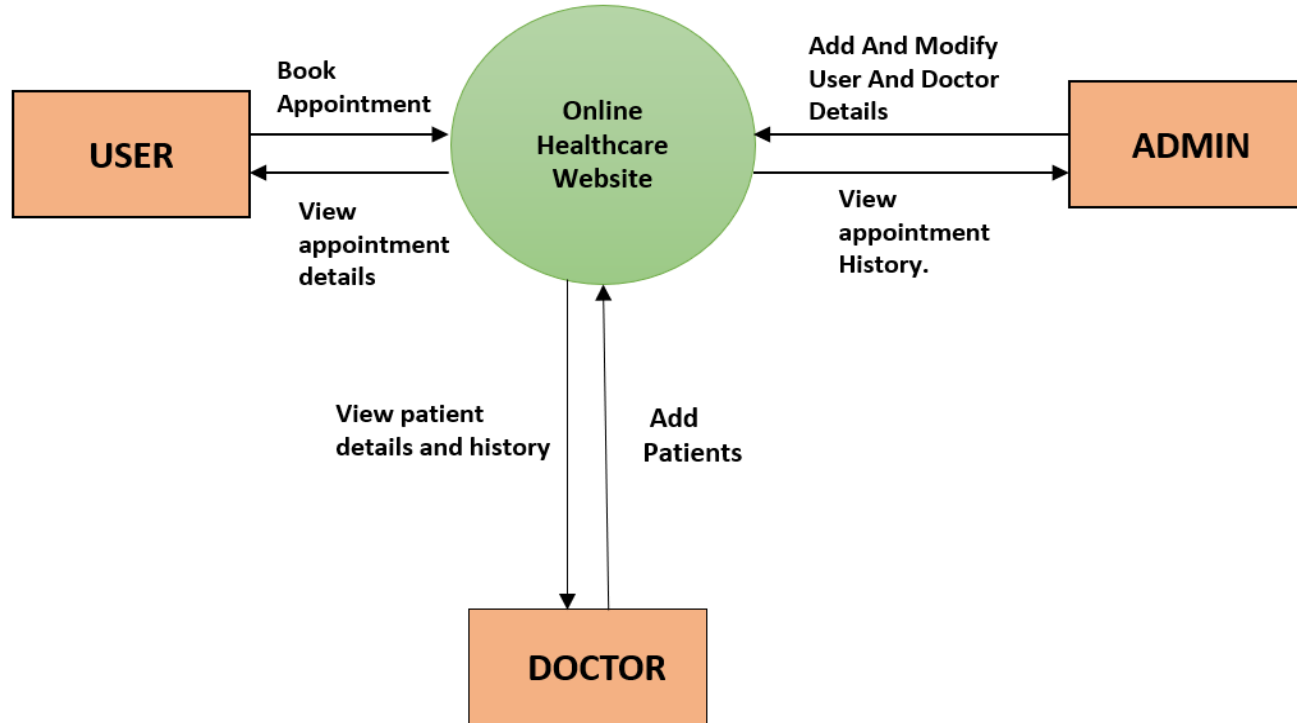
Level 1 DFD

Entity Relationship Diagram (ERD)
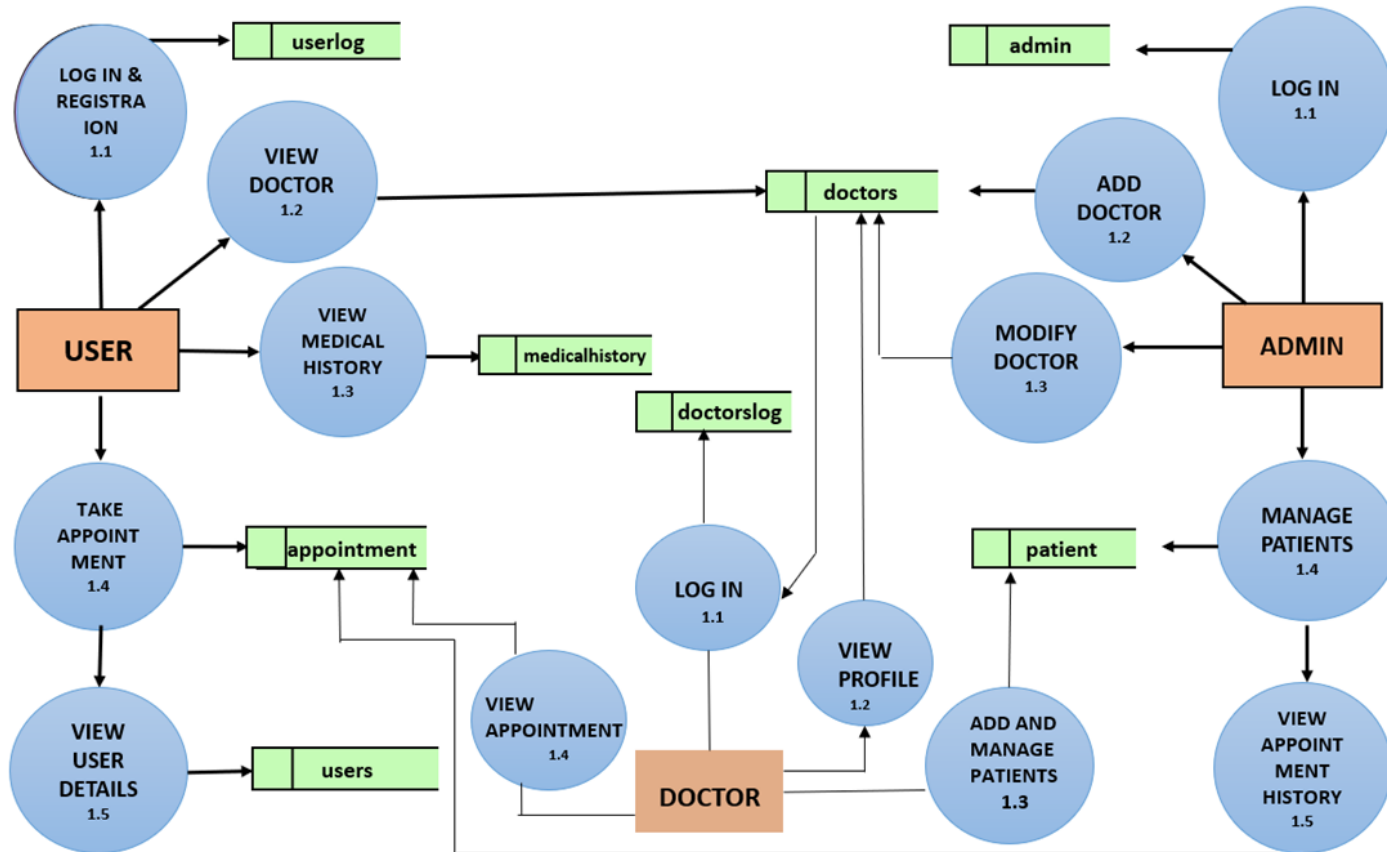
Entity Relationship Diagram
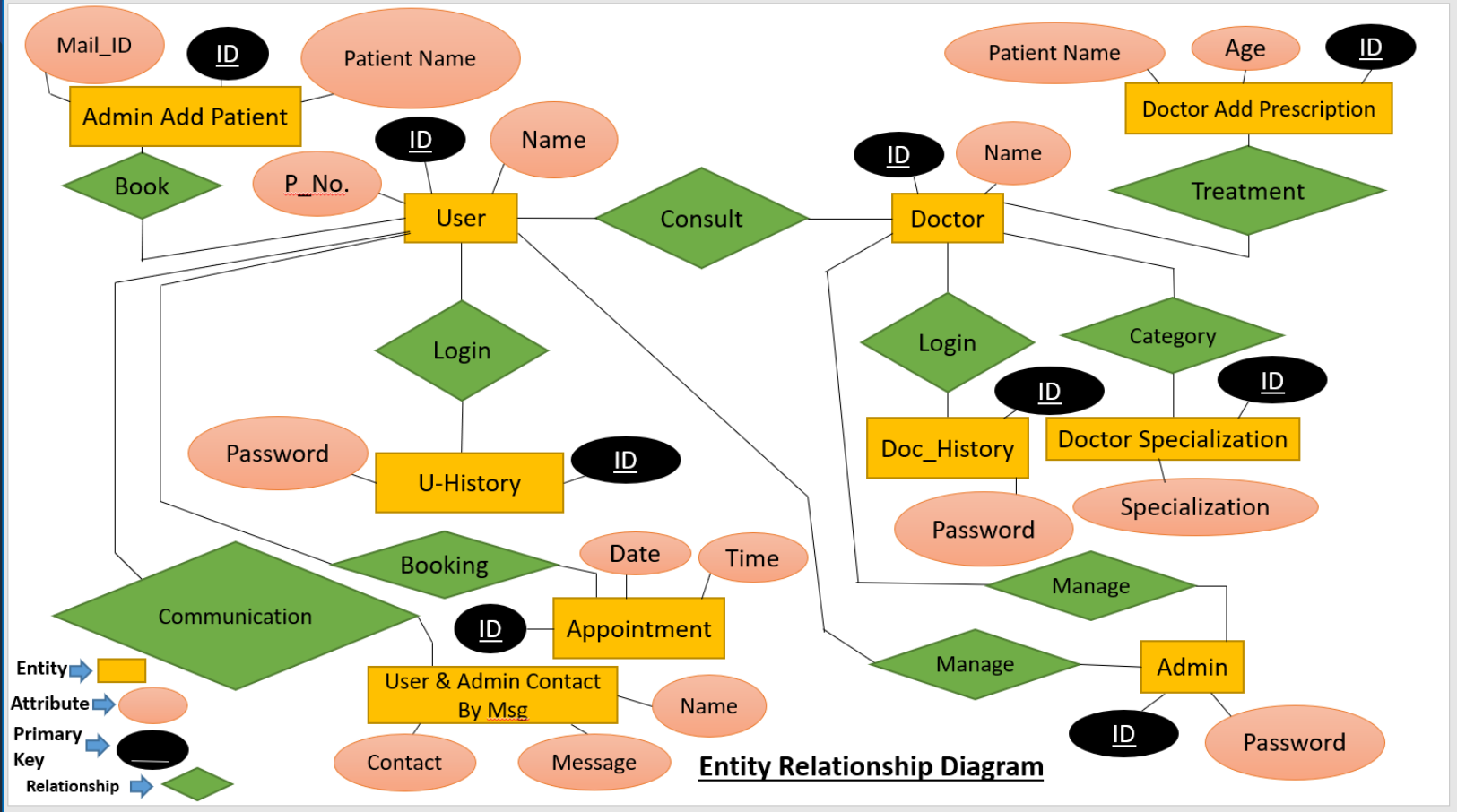
DATABASE

Table ▲	Action						Rows	Type	Collation	Size	Overhead
☐ admin	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	1	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ appointment	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ doctors	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ doctorslog	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	15	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ doctorspecilization	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	15	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ tblcontactus	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ tblmedicalhistory	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	2	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ tblpage	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐ tblpatient	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ userlog	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	29	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐ users	⭐	📋 Browse	🔧 Structure	🔍 Search	📥 Insert	🗑 Empty	⊘ Drop	2	InnoDB	latin1_swedish_ci	32.0 KiB	-
11 tables	**Sum**							**76**	**InnoDB**	**utf8mb4_general_ci**	**192.0 KiB**	**0 B**

HOME PAGE

Easy Health   Home   Services   About Us   Gallery   Contact Us   Logins   Book an Appointment

"your Health Is An investmest, Not An Expense"
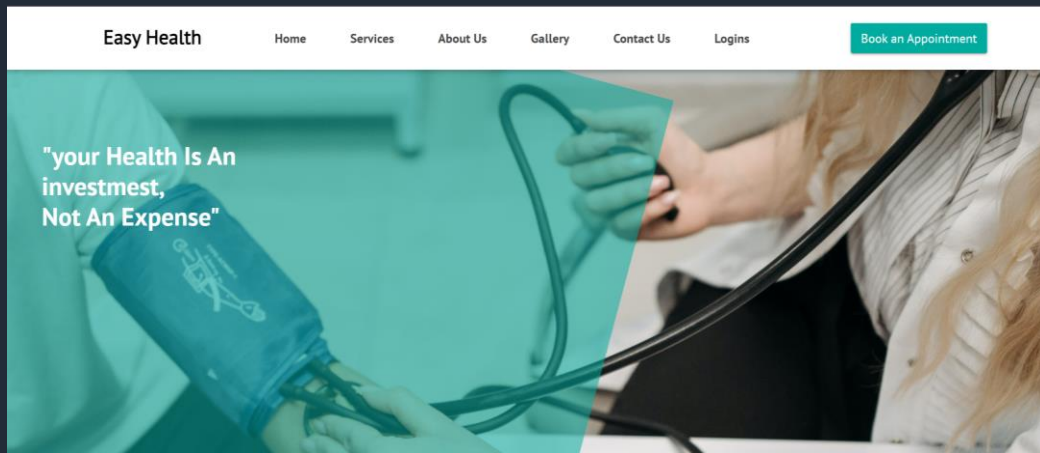
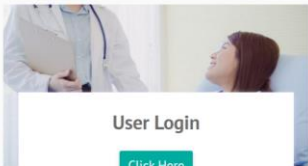LOGIN PAGE

Easy Health   Home   Services   About Us   Gallery   Contact Us   Logins   Book an Appointment

Logins

User Login
Click Here

Doctors login
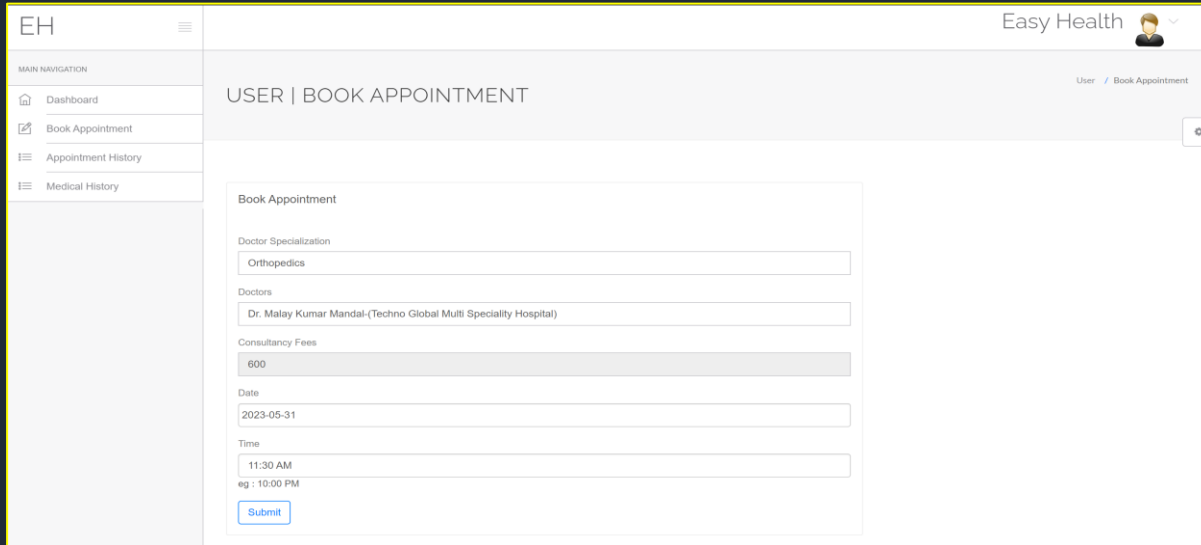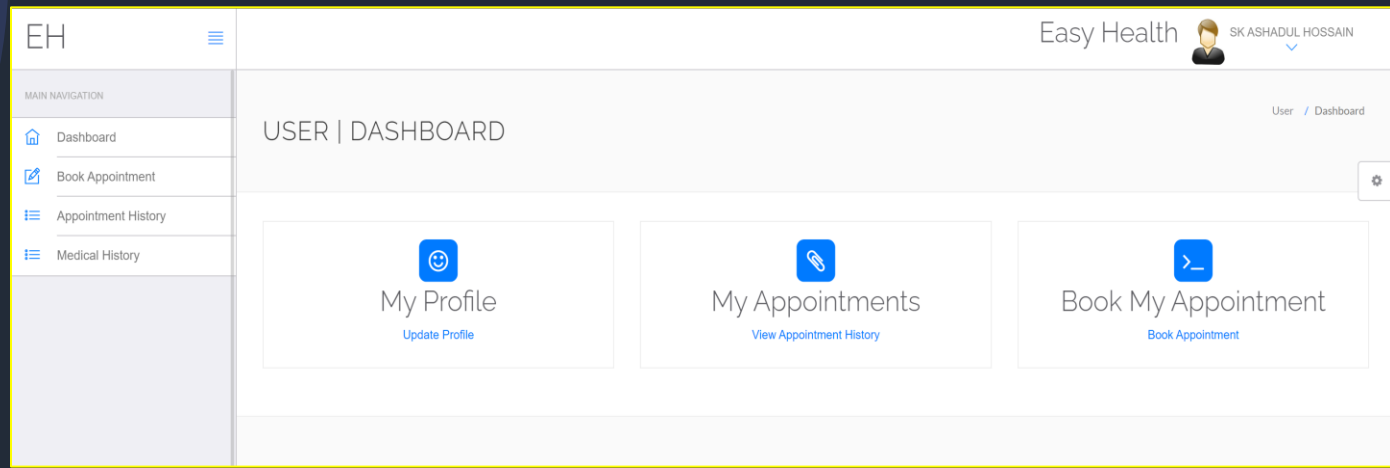Click Here

Admin Login
Click Here

User Dashboard

EH

MAIN NAVIGATION

Dashboard
Book Appointment
Appointment History
Medical History

Easy Health SK ASHADUL HOSSAIN

USER | DASHBOARD

User / Dashboard

My Profile
Update Profile

My Appointments
View Appointment History

Book My Appointment
Book Appointment

EH

MAIN NAVIGATION

Dashboard
Book Appointment
Appointment History
Medical History

Easy Health

USER | BOOK APPOINTMENT

User / Book Appointment

Book Appointment

Doctor Specialization
Orthopedics

Doctors
Dr. Malay Kumar Mandal-(Techno Global Multi Speciality Hospital)

Consultancy Fees
600

Date
2023-05-31

Time
11:30 AM
eg : 10:00 PM

Submit

Appointment Page

Doctor Dashboard

EH ☰

Easy Health 👤 Dr. Somdutta Biswas-(Anandalok Hospital) ⌄

MAIN NAVIGATION

🏠 Dashboard
☰ Appointment History
👤 Patients ‹
🔍 Search

DOCTOR | DASHBOARD

User / Dashboard

⚙

😊
My Profile
Update Profile

📎
My Appointments
View Appointment History

EH ☰

Easy Health 👤 Admin ⌄

MAIN NAVIGATION

🏠 Dashboard
👤 Doctors ‹
👤 Users ‹
👤 Patients ‹
📄 Appointment History
📄 Conatctus Queries ‹
☰ Doctor Session Logs
☰ User Session Logs
📄 Reports ‹
📄 Pages ‹
🔍 Patient Search

ADMIN | DASHBOARD

Admin / Dashboard

⚙

😊
Manage Users
Total Users :3

👥
Manage Doctors
Total Doctors :4

>_
Appointments
Total Appointments :2

😊
Manage Patients
Total Patients :4

📄
New Queries
Total New Queries :1
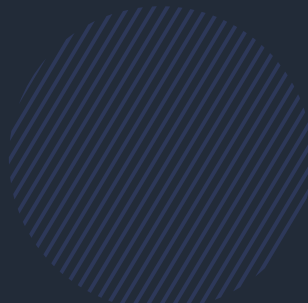
Admin Dashboard

Future Scope

There is many future scopes of this project:

- User can chat with the doctor after booking their slot.
- There will be a feature of video calling consultant with the doctor.
- Also features like buying medicines can be added.
- More interactive more user friendly project which fulfils each user need in the best way possible.

Conclusion

The appointment booking system streamlines the process for patients to book appointments with doctors and access their medical history. Doctors can manage their schedules, view patient information, and digitally prescribe medications. Patients can easily view their appointment history and actively participate in their healthcare management.

Thank you

Do you have any questions?