

Problem Statement

Integrated Common Services to Common People

Team:

Quasar

Team Members:

- Aishwarya Balakrishnan Menon
- Kripa M Joseph
- Krishna S P
- N Namitha
- Rebeka Jeetan

Unique Idea Brief (Solution)

Aside from these core offerings, we have also introduced:

Blood Bank: So we also liaison with local hospitals and other health organizations to maintain a ready supply for rapid response in emergencies, so that patients may receive any critical care whenever needed.

Financial Assistance: One may be overwhelmed by the costs of healthcare. Our financial assistance program is designed to help you and your family at any time that you require it. We help patients understand funding options available through insurance coverage and search for the right methods according to your needs, avoiding added stress and ensuring proper treatment. And a donation option for a user to donate money.

Ambulance Service: Our extremely professional service includes both nonemergency and emergency moves, manned by highly trained individuals with state-of-the-art medical gadgets that help in ensuring absolute safety and efficiency through transportation to medical centers, thereby increasing accessibility to our healthcare services and overall outcomes for patients.

Unique Idea Brief (Solution)

Elderly Home Care Unit: Recognizing the unique needs of the elderly population, our Elderly Home Care Unit offers specialized services tailored to senior patients. Our goal is to promote independence and quality of life for seniors in the comfort of their own homes.

By integrating these facilities into our home care services, we strive to provide a holistic approach to healthcare

Features Offered

Login in and Sign in Page:

- In the beginning itself it asks the user for their username and password and if any information is wrong then login fails

Index page:

- Index page with all the care is shown

Doctor Booking:

- After Selecting the required hospital from the available list enables them to book appointment of the required department

Blood Bank:

- Timely access to blood products.
- Emergency response for critical transfusions.
- Collaboration with local hospitals for supply management.

Features Offered

Financial Assistance:

- A fund dedicated to providing immediate financial assistance in urgent situations, ensuring that care can continue without delay.
- Option to provide finance to the families that need financially assistance

Ambulance Service:

- Equipped for both non-emergency and emergency transport.
- Collaborates with available ambulance services to reach the user

Elderly Home Care Unit:

- Personalized care plans for seniors.
- Assistance with daily activities.
- Companionship and social interaction.

Process flow

Login and Sign-in:

- User Access: The user gets into the system, and he is asked to provide a username and password.
- Validation: The provided credential is validated by the system. Hence if the information is wrong, the login fails, again the prompt appears to try again.
- Successful Login: Given that the login details are correct, then the main services dashboard is opened for the said user.

Index Page:

- Service Overview: This then takes the user to an index page that includes all the care services and facilities available.
- Navigation: The user can browse through various sections to search for particular services they might need.

Process flow

Doctor Booking:

- Selection of Hospital: The user selects the desired hospital from a drop-down list.
- Department Selection: The user selects the department in which he wants to seek consultancy.
- Appointment Booking: The user books his appointment from the department selected earlier.
- Confirmation: Within a few seconds, the system generates an appointment confirmation message along with the details.

Blood Bank Services:

- Requesting Access: Blood bank services can be accessed from the specific section by requesting the same.
- Timely Access: Ensure access to blood products in time.
- Emergency Response: Quick response and coordination is provided by people in cases of emergency for life-saving transfusions.
- Collaboration: The system coordinates efficient supply management with local hospitals.

Process flow

Financial Support (if required)::

- Request for Assessment: The user requests financial support.

Counselling: A financial advisor does assessment and counseling about insurance. Discuss payment plans and other help options.

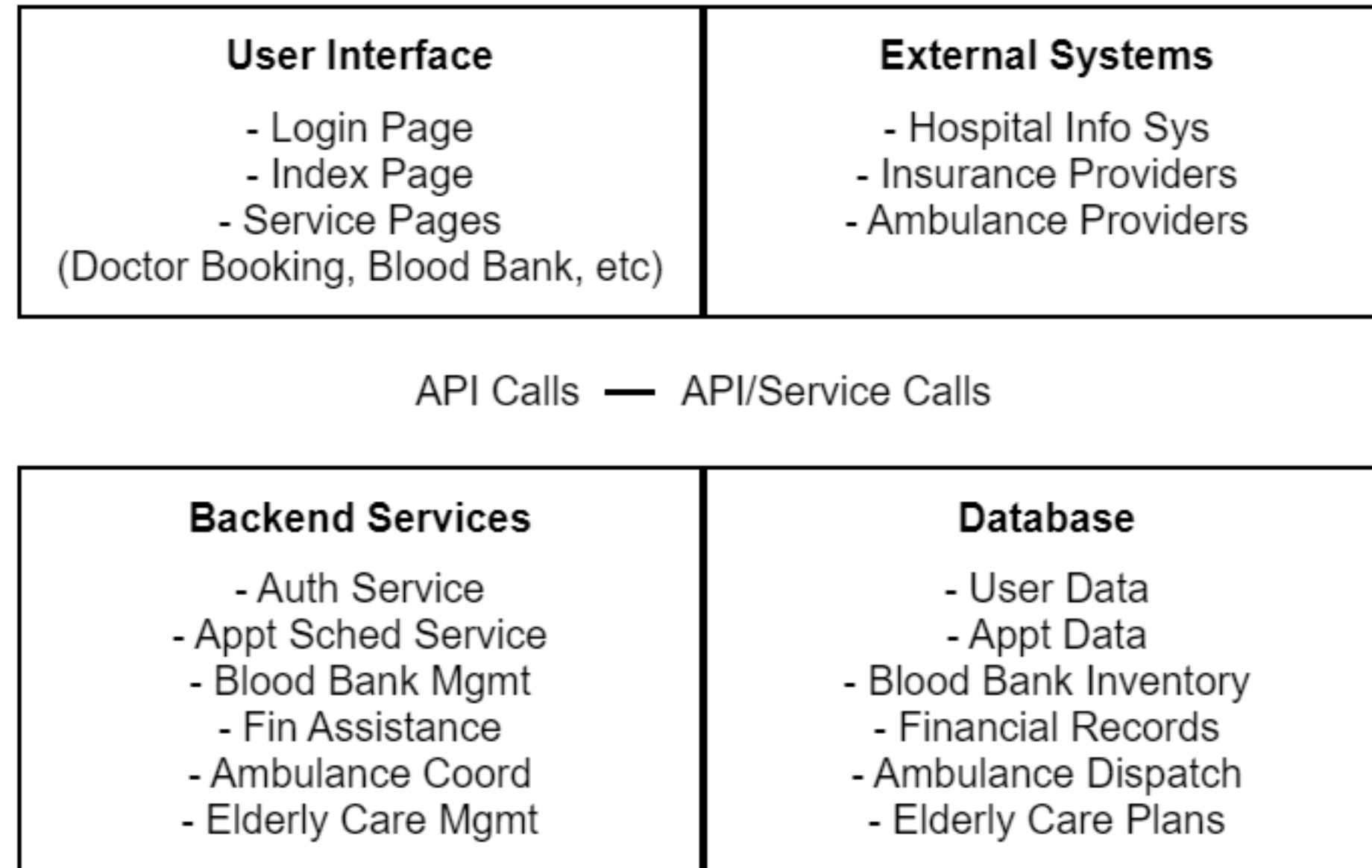
Ambulance Service:

- Service Request: The user requests ambulance services via the system.
- Coordination: The system coordinates with ambulance providers to ensure timely and safe transport.
- Confirmation: The user receives confirmation of the ambulance service details.

Elderly Home Care Unit:

- Service Request: The user or family member requests services from the Elderly Home Care Unit.
- Personalized Plan: A care coordinator develops a personalized care plan tailored to the elderly client's needs.
- Ongoing Care: Regular home visits and health monitoring are scheduled.
- Support and Companionship: The system ensures ongoing support and social interaction to promote well-being.

Architecture Diagram



Technologies used

Generally, to develop front end: HTML CSS and Javascript are used. To develop backend: PHP and MySql are used. the VS code and Xampp. An extension named LiveServer was also added in VS code.

Team members and contribution:

1.Aishwarya and Namitha:

- Provided an option for sorting hospitals and selecting nearest hospital and doctor

2.Kripa:

- Created login page,forgot password,home page,donation page and finance assistance page.

3.Krishna:

- Provided two options-Ambulance service and Blood Bank

4 Rebeka:

- Provided an option for elderly home care

Conclusion

The goal of Health treatment Medical Services website offers a more straightforward approach to healthcare. This allows patients receive effective superior treatment. The team might not be completely adept in all programming languages. They also lacked proficiency in technologies needed for the project. Forging solid alliances with nearby medical facilities, banks and other stakeholders was challenging. These collaborations were essential to guarantee complete and integrated treatment. To address these hurdles the team took numerous steps. Despite these challenges, the collective effort of the team results in healthcare solution. This solution provides patients with support and ensures high standard of care.