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- Theme:– Health tech
- Problem Statement Title:-

“AROGYAM” : ONE-STOP HEALTH RESOURCE DASHBOARD

- Team ID:– 32431718
- Team Name:– “HEALOSPHERE”



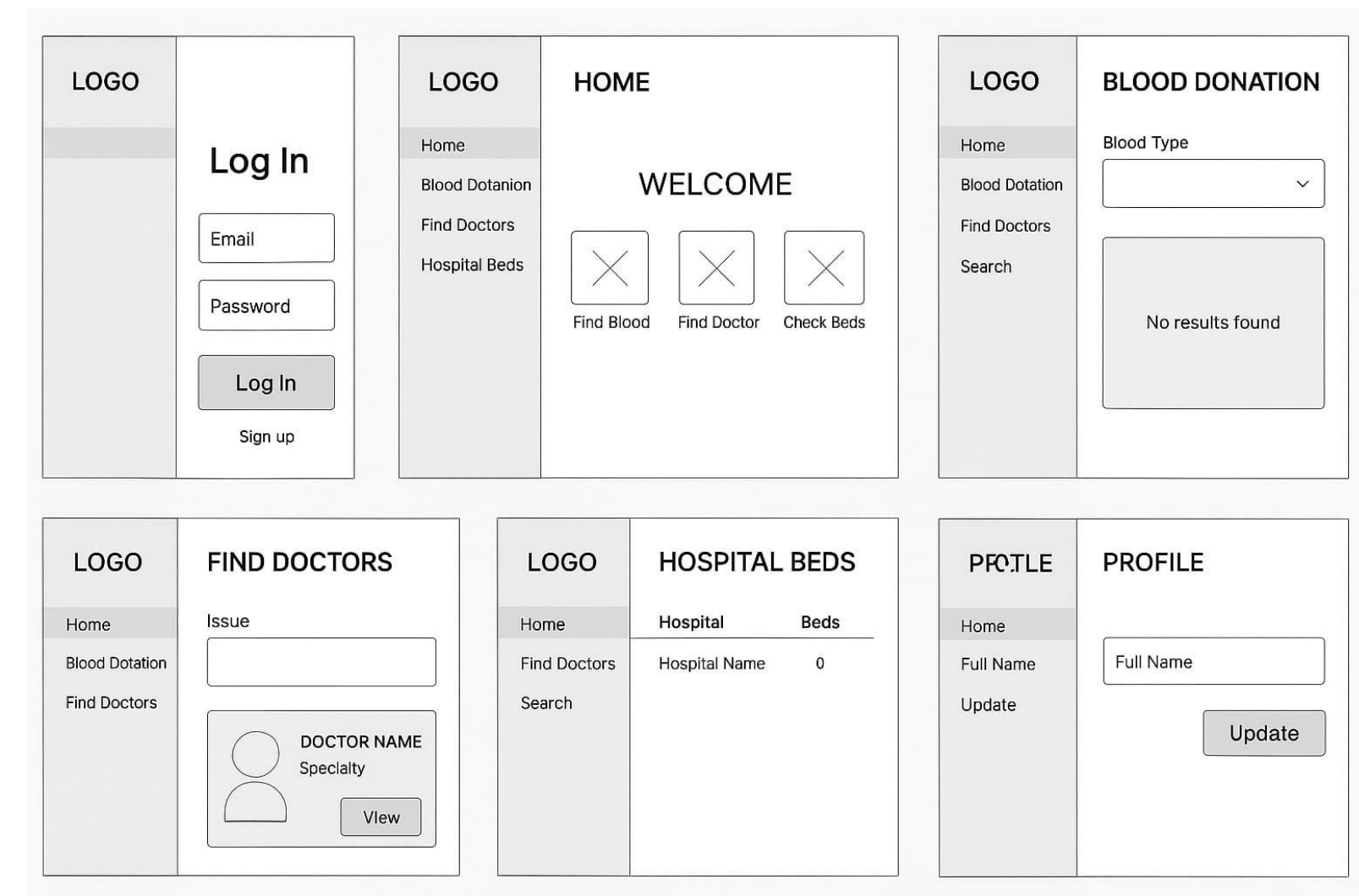
- ❖ **Solution Overview:** The project aims to develop a centralized web portal that registers all hospitals in Jabalpur, enabling users to check real-time data on general bed availability, ICU beds, doctor availability, and available blood groups in any hospital across the city.
- ❖ **Problem-Solving:** It reduces the time and confusion patients face during emergencies by providing verified hospital data instantly.
- ❖ **Innovation:** Combines multiple data points (beds, blood, doctors) on one platform; scalable and accessible 24/7 via mobile and desktop.



Technical Approach

- **Technologies Used** : HTML, CSS, JavaScript, Python, Firebase (for backend & database).

- **Methodology** : Step-by-step process
- User visits website
- Searches for hospital
- Views bed/doctor/blood availability
- Proceeds with booking or contact





- ❑ **Feasibility:** Technically viable using standard web tech (HTML, CSS, JS, backend with database); easy to deploy and maintain
- ❑ **Challenges & Risks:** Getting live updates from hospitals and making sure the information is always correct might be hard.
- ❑ **Mitigation Strategies:** Collaborate with hospitals for automated data entry; implement verification checks and backups.



IMPACT AND BENEFITS

- **Target Audience Impact** : Citizens of Jabalpur benefit by easily finding hospital beds, doctors, and blood availability during emergencies.
- **Key Benefits** : Saves time, improves emergency response, boosts healthcare efficiency, and supports informed decisions.
- **Long-Term Value** : The platform is highly scalable – it can be extended to other cities or states. With proper collaboration with local authorities, it has the potential to become a centralized healthcare resource portal.



REFERENCES

- ✓ <https://www.nhp.gov.in/> (National Health Portal of India)
- ✓ <https://www.who.int/> (World Health Organization)
- ✓ Government reports on hospital infrastructure in India
- ✓ Artificial Intelligence