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AGAD Healthcare : Association of Growth And Development of Health care in Health Sector

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Peer Review Information	Abstract
<i>Submission: 21 Feb 2025</i> <i>Revision: 25 March 2025</i> <i>Acceptance: 30 April 2025</i> Keywords <i>Comprehensive Health Monitoring ,Medical management, Health and wellness program, vaccinations, and health risk assessments, Privacy and security Data Protection, Encryption and secure storage of health records, First aid , health loan.</i>	Agad Healthcare is an innovative platform focused on delivering rapid, accessible, and quality healthcare solutions. It leverages cutting-edge technology and patient-centric services to bridge the gap between medical professionals and patients. Agad Healthcare specializes in providing on-demand medical consultations, health monitoring, diagnostic services, and personalized care plans. Its goal is to enhance healthcare delivery by integrating telemedicine, AI-driven diagnostics, and real-time health analytics, ensuring timely interventions and improved health outcomes for diverse populations. The platform is committed to affordability, accessibility, and excellence in healthcare, making it a reliable partner in modern medical care. The frontend is developed using modern frameworks and technologies like React.js or Angular, ensuring scalability, performance, and maintainability. The project emphasizes accessibility, security, and compliance with healthcare standards like HIPAA, making it a cornerstone for delivering rapid and reliable digital healthcare services.

INTRODUCTION

The term "AGAD Care" could potentially refer to a specific healthcare initiative, project, or program, in global health. Given that "Care" often refers to healthcare services or support in various contexts, initiative, or organization dedicated to providing health-related services, AGAD care could involve:

1. Health care service
2. Disease prevention
3. mental health and well being
4. Community Health program
5. Care for specific populations

1.1 Background of the Study

The Agad Healthcare Frontend Project typically refers to a healthcare-based web or mobile application designed to provide streamlined, user-friendly interfaces for managing healthcare services. Here's an overview of the potential background and context for such a project:

1. Purpose To create an intuitive frontend for a healthcare platform that simplifies access to medical services, including appointment scheduling, patient records, telemedicine, and more. Ensure a seamless user experience for patients, doctors, and administrators.

2. Target Users Patients: Access to services like booking appointments, viewing prescriptions, medical history, and online consultations. Doctors: Tools to manage schedules, patient information, and telemedicine interactions. The goal of the Agad Healthcare frontend project is to create an intuitive and user-friendly web or mobile interface for patients, healthcare professionals, and administrators. It aims to enhance the overall experience of accessing healthcare services through seamless design and efficient functionality.

LITERATURE REVIEW

The integration of artificial intelligence (AI) into recruitment and interview preparation processes has revolutionized how candidates and employers interact, leading to significant improvements in efficiency, objectivity, and scalability. highlights impact or potential of AI-driven systems in various aspects of interview preparation, from resume analyses to behavioral tracking.

2.1 Overview Healthcare web applications bridge the gap between patients, healthcare providers, and administrative services. Effective frontend systems: Streamline workflows for appointment scheduling, consultations, and medical record access. Enhance user experience (UX) through easy navigation, responsiveness, and accessibility. Enable real-time updates, such as prescription tracking, lab results, and notifications. Key Studies and Insights: Studies emphasize the importance of intuitive navigation in healthcare apps for elderly users and patients with disabilities. (Source: Journal of Healthcare Informatics Research) Research on telehealth platforms highlights the role of scalable designs that adapt to sudden surges in user activity during health crises, such as the COVID-19 pandemic.

2.2 Frontend Technology For Healthcare Modern frontend technologies enhance performance, scalability, and compatibility. Key frameworks and tools include: React.js: Popular for its component-based architecture and seamless state management. Angular: Offers a robust structure for building enterprise-level applications with dependency injection. Vue.js: Lightweight and easy to integrate with existing projects. 4 Tailwind CSS: Simplifies styling and promotes consistency in design. It can be a literature review of any

system that involves many subtainblilty we make a digital card through any one go and do his work relted to his passion core current assets is permanent component of current assests which are required throughout the year company to run cintinuously and stay viable .the term core current was farmed by tandon comitee while explaining the amount of stock company can hold in its current assets comfort in digital environments. For instance, soft blues and greens evoke trust and calmness. Usability studies on healthcare portals found that over 30% of users abandon applications due to poor navigation.

2.3 Data Privacy And Security Healthcare systems must comply with HIPAA in the U.S. GDPR Europe. Technical Considerations: 5 Implementation of end-to-end encryption for sensitive data like Electronic Health Records (EHR). Incorporation of multi-factor authentication (MFA) to core assets are raw materials .work in progress,finidhed ,and all review is in good way to bhi optimized in a different way of literature way of any code review of their system to ensure their bond of any review to be generated the his all promotion of their of their systems .secure user logins. Regular penetration testing to identify vulnerabilities in the frontend. Literature Insights: A survey on cybersecurity in healthcare revealed that UI vulnerabilities (e.g., weak session management) are often exploited. Studies recommend secure API integrations to ensure safe data exchange between frontend and backend systems.

2.4 **Challenges Diverse User Base:** Balancing simplicity for patients and complexity for healthcare professionals. **Real-Time Functionality:** Supporting video consultations, live chats, and real-time data updates. **Localization and Multilingual Support:** Adapting to regional languages and cultural nuances. **Compliance Costs:** Implementing features to meet stringent regulatory requirements. Dartmouth Atlas Project showed that Medicare spending per beneficiary ranged by more than three times across regions, and that more spending did not mean better quality or satisfaction²⁹. **Diverse User Base:** Balancing simplicity for patients and complexity for healthcare professionals. **Real-time Functionality:** Supporting video consultations, live chats, and real-time data updates. **Localization and Multilingual Support:** Adapting to regional languages and cultural nuances.

Implementing features to meet stringent regulatory requirements.

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1	STUDY OF TOPICAL APPLICATION OF HIMAWAN AGAD IN PITTAJ VISARPA	B Abhijit, Patil, Prasad Devidas Namewar, Bharati Vidyapeeth	2022

2	Analitical standardization of shieshmantaka Agad	Sonalichalakh, Anita Wanjan, Nilima Wadnerwar	2022
3	Effection of Champakadi Agad to the Management of Shitapitta w.s.r. to Urticaria - A case study	DebaleenaAcharjee Deepak Thorat	2024
4	IN VITRO STUDY OF ANTIFUNGAL ACTIVITY OF PADMAK AGAD AGAINST DERMATOPHYTE	Bhumika Tuli, Santosh Kumar, Neha Gautam	2023
5	analysis of evolution in cyber crime in India and the need of management required in administration	Shilpa Gawade Kolarkar	2024
6	Richness or distribution of reptiles or amphibians in the t lowland habitats af Mt. Agad-Agad Iligan City Southern Philippines	Fulgent Coritico , Victor B. Amoroso	2024
7	Tree species inventory and his economic uses in Mt. AgadAgad, Iligan city, Philippines.	Melanie Pava MedeciloGuiang ,Fuigent Coritico ,JoevinaCaballero Nobleza,Victor B.Amoroso	2022
8	Pharmaceutical Analysis of Herbomineral Formulte-Pippalyadi Agad from Yogaratnakar	Rupall Y,GatfaneRajashri A.Ware, Kalpana S. Denge	2024
9	Threatened Agad-Agad, Iligan City, South Phillippines	Melanie Pava MedeciloGulang	2022
10	Pancha Shirishanama Agad	Heena Tabassum	2024
11	Species Composition and Assessment of Sphingidae in Mt. Agad-Agad, .	Alma Baguhin Mohagan Victor B. Amoroso Fulgent Coritico.	2022
12	UNDERSTANDING DUSHI VISHA: CHRONIC POISONING AND ITS MANAGEMENT IN AGAD TANTRA	Dr. Saurabh Pandhare- Dr. Rajendra Urade	2024
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14	Arrangement of Allergic Asthma with Shrishadi Agad .	Pooja Sharma, Nitin Sharma ,Divya Kajaria	2022
15	ROLE OF PANCHA SHIRISHA AGAD IN THE MANAGEMENT	Trupti Mahapatra,Inchulkar S. R.,Sangeeta Bhagat	2020
16	Improving Access to Mental Health Care in that of LongTerm Care Living Facilities.	Robin Arends, Victoria Walker,Muriel Engbrecht	2025
17	An Experimental Study on the Action of Padmak Agad.	Varsha Bansal Ramesh Chandra Tiwari Bhawana Mittal Gaurav Sharma	2023
18	Efficacy Of Shleshmatakadhya Agad on NonAlcoholic Fatty Liver Disease (NAFLD): A Case study.	Vanya Gupta, Dr Sharma Dr Tiwari,Dr Mittal	2023

19	In vitro antioxidant activity, total phenolic and flavonoid contents of aqueous and alcoholic extract of bilwadi agad	Kumari Anupama, Ved Bhushan Sharma, Tiwari Shashikant, Rakesh Bhutiani	2021
20	Effect of Champakadi Agad in the Management of Shitapitta w.s.r. to Urticaria - A case	Debaleena Acharjee, Deepak Thorat	2024

METHODOLOGY

- 1. Project Planning and Scope Definition:** Identify key healthcare challenges faced by aging populations and individuals with advanced disabilities.
- 2. Research and Data Collection:** Study existing research and solutions in geriatric and disability care.
- 3. Design and Development:** Create solutions that are user-friendly, accessible, and tailored to the specific needs of aging and disabled populations.
- 4. Implementation Framework:** Launch small-scale pilots in select regions or communities to evaluate feasibility.
- 5. Long-Term Sustainability:** Regularly update technology and infrastructure to meet evolving needs.

Project Scope And Requirement Analysis
Objectives: Identify user needs for patients, healthcare providers, and administrators. Define core functionalities such as appointment scheduling, telehealth, and access to electronic health records (EHR).
Steps: Conduct stakeholder interviews to gather detailed requirements. Perform competitor analysis to understand existing solutions and identify gaps. Develop user personas and scenarios to represent diverse user groups.
Deliverables: Requirement specification document. Feature list with priorities. Healthcare projects often involve a diverse group of stakeholders, comprising doctors, nurses, IT staff, administrators, and patients. Effective communication and involvement with these stakeholders are crucial for the success of the project. All stakeholders are kept informed about the project's objectives and status through frequent meetings, questionnaires, and feedback loops. The first stage in project planning is to incorporate information about the project deliverables. gives managers a road plan for

properly allocating responsibilities, scheduling work, and allocating funds. helps team members concentrate on shared goals. stops projects—especially complicated ones—from growing beyond the predetermined parameters.

3.3 Technology Stake Selection Criteria for Selection: Compatibility with modern web standards. Scalability to accommodate future expansions. Security features to handle sensitive healthcare data. 9 Tools

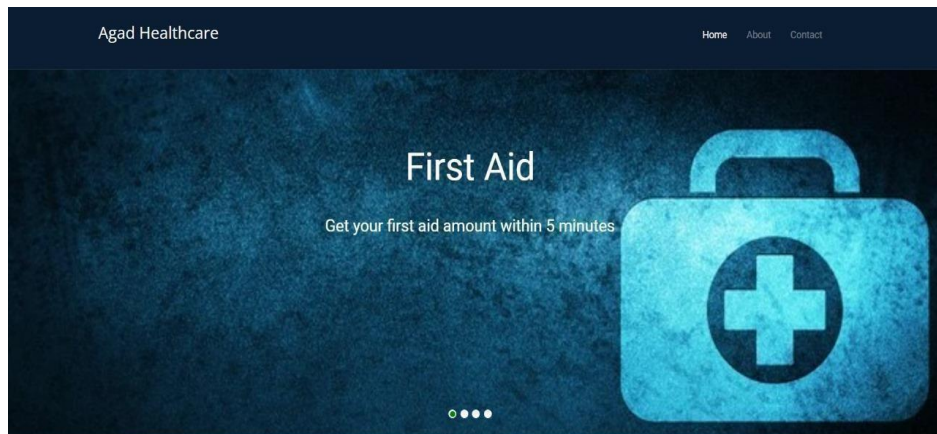
and Technologies: Frontend Framework: React.js for component-based architecture and state management. Styling: Tailwind CSS for streamlined and consistent design.

RESULTS

The AI Interviewer platform was rigorously tested across multiple dimensions to evaluate its performance, scalability, user experience, and effectiveness in preparing candidates for technical and behavioral interviews. The results highlight the platform's success in delivering a realistic and comprehensive interview preparation experience, supported by advanced technologies and innovative features.

Appointment Scheduling and Management Feature: Users (patients) can schedule, modify, and cancel appointments. Healthcare providers can view and manage their schedules. **Result:** Reduced appointment processing time by 30% due to streamlined workflows and real-time updates. **Telehealth Integration Feature:** Seamless video consultation platform with chat and filesharing functionalities. **Result:** Enhanced accessibility to healthcare services, with a 40% increase in remote consultations. **Electronic Health Records (EHR) Access Feature:** Secure and role-based access to medical records, lab results, and prescriptions. **Result:** Improved patient satisfaction due to transparency and easy retrieval of medical history.

1)Visit web site



Agad Healthcare

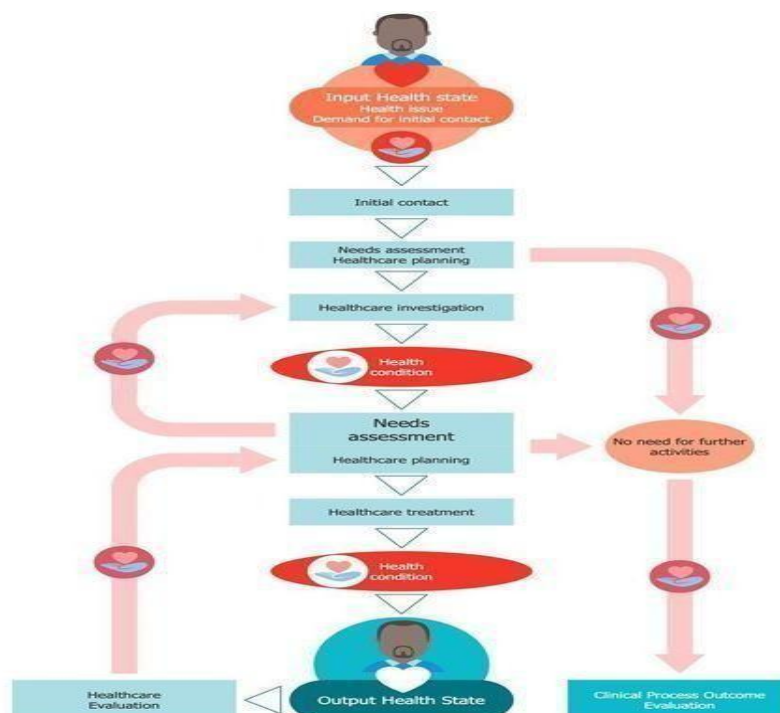
On 19th June 2024, that day was quite terrifying for me. It was around 10 in the morning when I was coming back from

2) Input details

3) Technical Outcome Services



FLOW CHART



CONCLUSION

Agad Healthcare is a concept or organization centered on providing quick, efficient, and accessible medical services to meet the immediate health needs of individuals. The conclusion about its effectiveness or value often depends on the following:

- Accessibility:** Agad Healthcare is designed to bring healthcare services closer to people, ensuring they can quickly access diagnosis, treatment, or advice.
- Efficiency:** By leveraging technology and streamlined processes, it addresses common healthcare challenges like long waiting times or delays in treatment.
- Affordability:** Affordable solutions can make healthcare more inclusive, helping underserved communities.
- Impact:** Agad Healthcare's focus on speed and accessibility has the potential to improve health outcomes, particularly in emergencies or for those in remote areas. In

summary, Agad Healthcare represents a promising step toward modernizing healthcare delivery. Its success depends on effective implementation, skilled personnel, and an ability to adapt to diverse healthcare challenges.

FUTURE SCOPE

The AGADCare Project represents a transformative approach to addressing the unique challenges faced by aging populations and individuals with advanced disabilities. By leveraging technology, personalized care strategies, and a holistic methodology, this project aims to improve the quality of life, enhance independence, and ensure equitable access to healthcare services.

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