

FINAL PROJECT PROPOSAL - GROUP 34

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Problem Statement

Healthcare services across sectors—mental health, insurance, preventive care, medical research, and elderly care—often suffer from fragmented systems, leading to inefficiencies and communication gaps. Professionals in these fields struggle to access and manage relevant data efficiently, impacting patient care and overall service delivery.

Solution

The **Swing UI Healthcare Management System** integrates data across multiple healthcare sectors into a unified platform, providing role-based access to essential tools. This solution enables professionals to manage patient data, track progress, and streamline workflows within their specific roles. By offering a user-friendly interface and centralized data management, the system improves communication, enhances service delivery, and ensures more efficient care for patients.

Network: Healthcare Services Network

This centralized network integrates:

- Patient data
- Insurance details
- Preventive healthcare programs
- Medical research information

This network provides centralized access to all organizations and user roles, enabling seamless communication and data sharing.

Enterprises, Organizations, User Roles

1. Mental Health Services Enterprise

Organizations: Community Mental Health Center (CMHC), Teletherapy Platform Provider

User Roles: Therapist, Nurse

2. Health Insurance Enterprise

Organizations: Health Insurance Provider Network, Third-Party Claims Administrator (TPA)

User Roles: Insurance Agent, Claims Processor

3. Preventive Healthcare Enterprise

Organizations: Wellness and Fitness Center, Nutrition Consulting Firm

User Roles: Wellness Coach, Nutritionist, Educator

4. Medical Research and Innovation Enterprise

Organizations: Clinical Research Institute, Biotechnology Development Firm

User Roles: Researcher , Specialist

Use Cases

1. Therapist and Nurse

- View and manage therapy sessions
- Update and maintain patient records
- Track and monitor patient medication details and progress reports

2. Health Insurance Agent

- Manage insurance policies and client profiles
- Generate and track claims overview reports

3. Claims Processor

- Process and validate insurance claims
- Access and review submitted medical documents

4. Wellness Coach

- Track client health progress and metrics
- Design and manage wellness programs

5. Nutritionist

- Develop and provide meal plans and nutritional guidance

6. Educator

- Organize and manage educational workshops
- Curate and share health resources

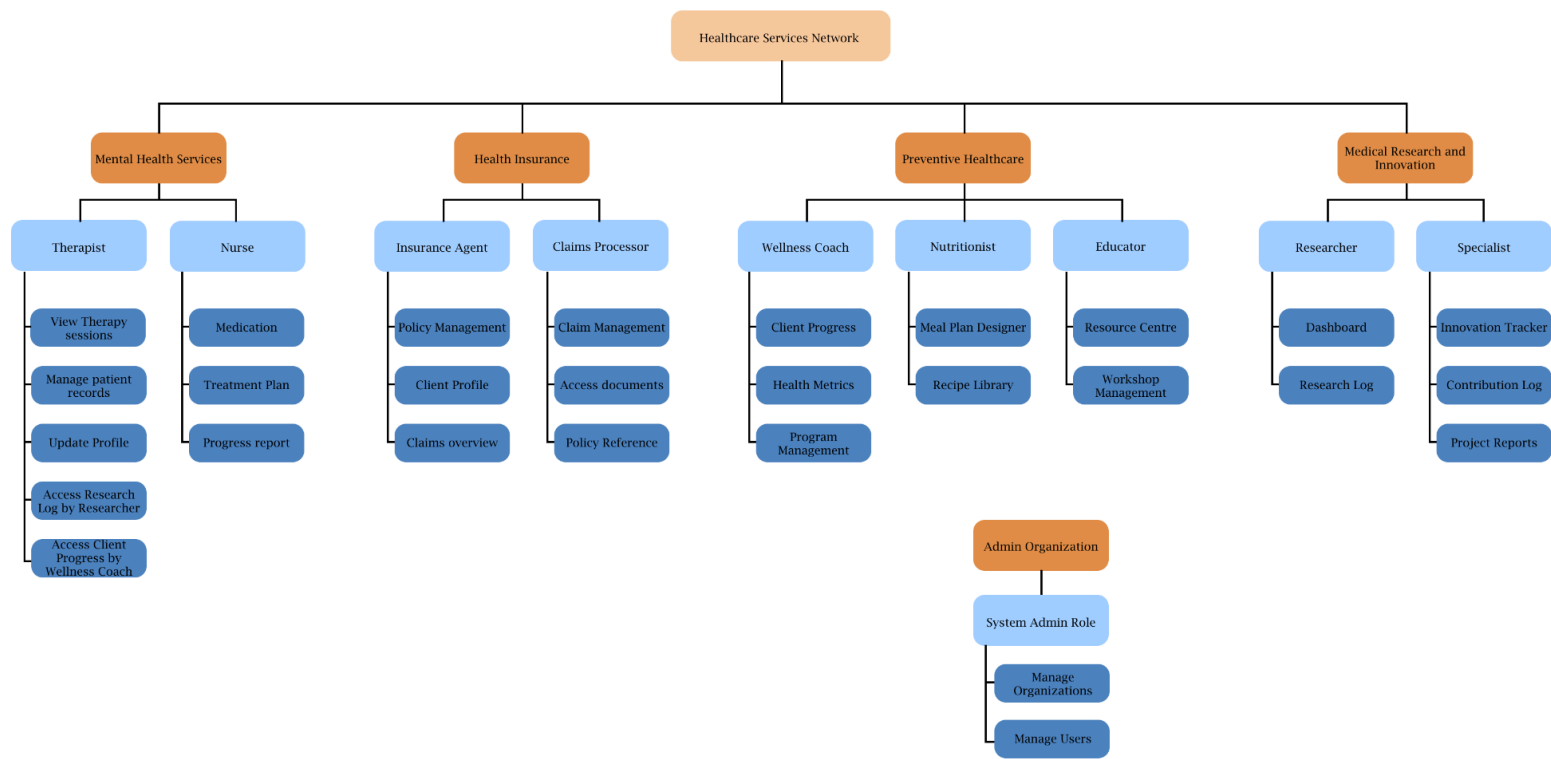
7. Researcher

- Access and update research dashboards
- Maintain detailed logs of research studies and innovations

8. Specialist

- Track and contribute to research and development projects
- Generate comprehensive project reports

Ecosystem Diagram



Enterprises

- Mental Health Services Enterprise
- Health Insurance Enterprise
- Preventive Healthcare Enterprise
- Medical Research and Innovation Enterprise

Organizations

- Community Mental Health Center (CMHC)
- Teletherapy Platform Provider
- Health Insurance Provider Network
- Third-Party Claims Administrator (TPA)
- Wellness and Fitness Center
- Nutrition Consulting Firm
- Clinical Research Institute
- Biotechnology Development Firm

Users

- Therapist
- Nurse
- Insurance Agent
- Claims Processor
- Wellness Coach
- Nutritionist
- Educator
- Researcher
- Specialist

Approved Uday Kiran Dasari

comments: You must satisfy all the deliverables in the end. Clearly define an organization and enterprise and list them properly at the end.