

# Hospital Management System

Team Code: QS\_21

**Problem Statement:** Inefficient hospital processes and lack of a streamlined system result in delays and unnecessary expenses. Patients are shunted from one hospital to another due to lack of resources leading to shortage of precious time.

Sector: Bio-Tech/Medi-Tech  
Domain: Healthcare

# TECHNOLOGIES USED:

HTML  
CSS  
JAVASCRIPT  
RDBMS(MySQL)

## Key Partners



- Hospitals
- Doctors
- Nurses
- Therapists
- Health Insurance Companies
- NGO's
- Staff

## Key Activities



- Providing virtual and In-person appointment for the patients
- Maintaining a reminder for patient's medicines
- Proper data usage to provide real-time updates
- Connection with hospitals
- Quick and easy diagnosis

## Key Resources



- Communication Channel
- Customer Service
- Personal Feedback Mechanism
- Partnerships

## Cost Structure

- Medicinal supplies
- Schemes
- Insurances
- Doctors/Therapists

## Value Proportions



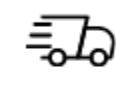
- Keeping track of number of beds, ICU's and supplies
- Ensuring crucial time of patient is not wasted
- Providing patient's financial support
- Allowing patients to select a preference/ provide reference for doctors for comfort
- Quicker diagnosis through clinical expertise
- Quality and safety initiatives
- A section for mental well being and learning disabilities, thus bringing awareness
- Providing meals to patient and relatives

## Customer Relationships



- Personal Assistance
- Integrity
- Transparency
- Honesty
- Comfort & Safety
- Trust
- Support

## Channels



- Website
- Media
- SMS/Email

## Customer Segments



- Patients
- People with learning disabilities
- Insurance Companies
- Pharmaceutical Companies

## Revenue Streams



- Cash
- Credit/Debit Cards
- Online payment Portals
- Cheques
- Schemes (Loans, Donation, etc)

# VALUES OUR WEBSITE SERVES

## PROBLEMS RESOLVED:

DISPLAYS REAL TIME AVAILABILITY OF BEDS, WARDS AND OTHER FACILITIES

LOCATES NEAREST HOSPITALS USING LOCATION

PRE-BOOKING ON BEDS ETC ARE AVAILABLE

DIAGNOSIS THROUGH PHOTO AND SYMPTOMS

PRE-BOOKING OF FORMS ARE UNDERTAKEN TO SAVE TIME

VIRTUAL AS WELL AS IN-PERSON BOOKINGS AVAILABLE (DOCTOR+ THERAPIST)

People lying about annual income to avail schemes: Verification required

People booking and cancelling beds/wards etc leading to unavailability for crucial patients: An advance fee is charged

VARIOUS SCHEMES ARE PROVIDED FOR THE PATIENT'S BENEFIT

SERVICE PROVIDED FOR PEOPLE WITH LEARNING DISABILITIES

Website charges and Hospital charges differing: Day wise billing system

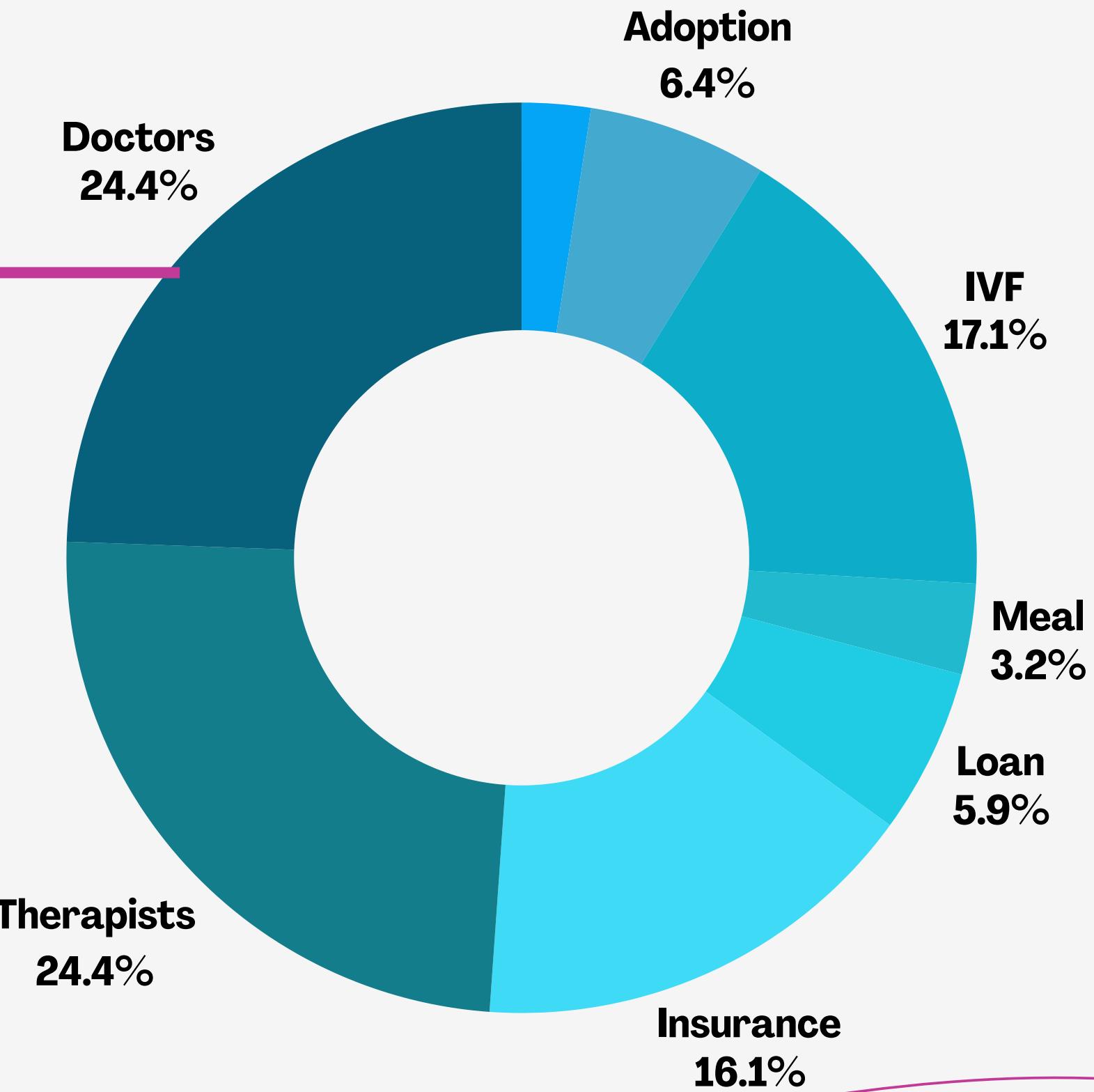
DAY-WISE BILLING TRANSACTIONS ARE PROVIDED FOR TRANSPARENCY

REMINDERS FOR MEDICATION AND PRIORITIES/ REFERRALS FOR DOCTORS AVAILABLE

Loss of time and expenses: Pre-filling of forms, financial schemes and quick diagnosis

# COST STRUCTURE

- Costs Earned from:**
- Pre-booking of beds/wards/medicines
  - Schemes



# Approx 6.5L per month

## Total Expense

# 4 L With 3% share in equity

## Selling Price

An investment of 4 lakhs with a 3% share in equity signifies that an individual is injecting ₹400,000 into the ownership of a company, entitling them to a 3% stake in the company's overall equity.

# **PROFITS EARNED**

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## **Total Expense**

Investing ₹400,000 for a 3% share in a company with an annual profit of ₹1,000,000 means you'll earn ₹30,000 as a shareholder. Your 3% ownership stake in the company entitles you to a proportional share of the profits. . This is an example for the profit earned