

Ganga Namathe

Employee Work Portal

Technology

Android Studio

SOAP API

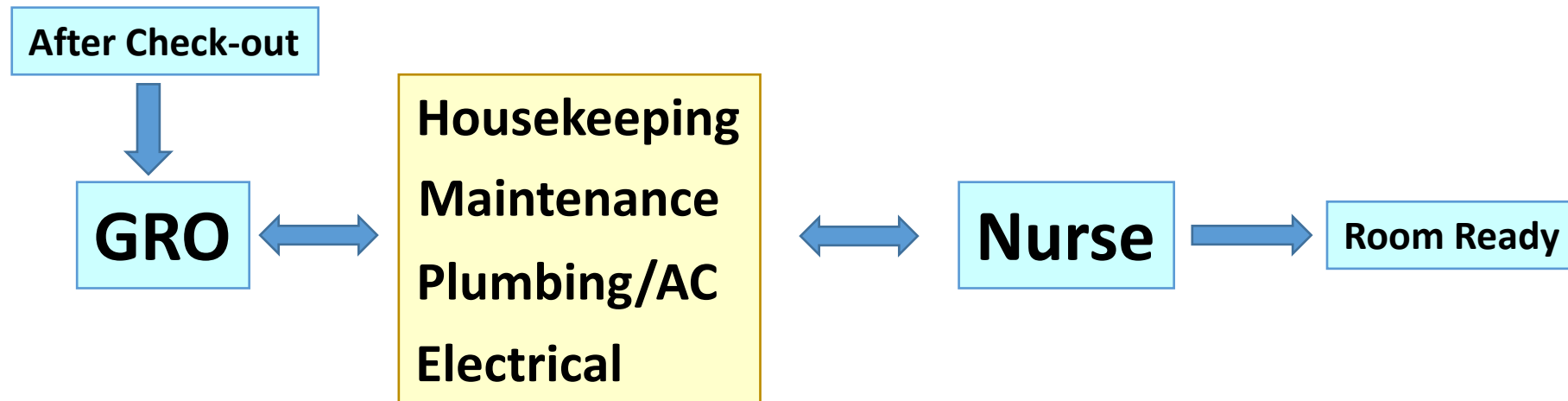
Retrofit

.Net Web Service

Radhakrishnan. V
IT Lead, Ganga Hospital
Coimbatore, TN.

Problem 1

COMMUNICATION ISSUE BETWEEN DEPARTMENTS:



INCREASED WAITING TIME for patient to get the room.

Problem 2

- **COMMUNICATING TO THE PATIENT** on the status of bill/ discharge summary by the GRO (Guest Relation Officer)
- No real time tracking. Everytime the GRO (Guest Relation Officer) has to access a desktop for viewing the status

Problem 3

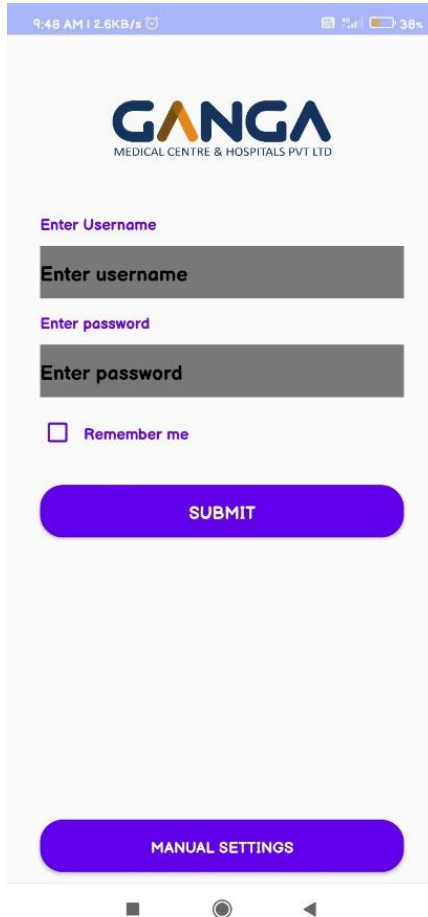
- **GRO CHECK LIST:** Every new patient check-in into the room, the GRO (Guest Relation Officer) must go to the patient room and explain about patient rights, responsibilities & hospital orientation



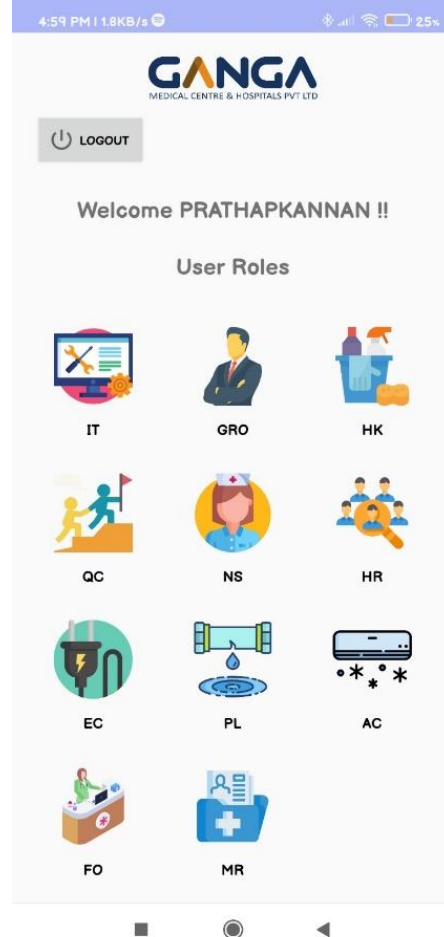
Employee Work Portal

FEATURES OF THE APP -FACILITATING EFFECTIVE COMMUNICATION

Login



Menu



Inpatient List with Status



Room Clean Status

5:00 PM | 3.4KB/s | 25%

Room Clean Status

Room cleaning Status

Under Cleaning AC,PH,PL,	A~2 FLOOR B	A~244	30-08-2022 16:54:36
Under Cleaning AC,PH,PL,	A~1 FLOOR C	A~101	30-08-2022 16:29:10
Under Cleaning AC,PH,PL,	A~1 FLOOR B	A~137	30-08-2022 16:27:26
Under Cleaning AC,PH,PL,	B~5 FLOOR WEST	5004-S	30-08-2022 16:25:29
Under Cleaning AC,PH,PL,	A~2 FLOOR B	A~238	30-08-2022 16:08:36
Under Cleaning AC,PH,PL,	A~1 FLOOR C	A~105	30-08-2022 15:57:23
Under Cleaning AC,PH,PL,	A~1 FLOOR B	A~139	30-08-2022 15:55:59
Under Cleaning AC,PH,PL,	A~2 FLOOR C	A~205	30-08-2022 15:42:46
Under Cleaning AC,PH,PL,	A~1 FLOOR C	A~113	30-08-2022 15:36:49



5:00 PM | 9.9KB/s | 25%

A~2 FLOOR B (A~244)

ROOM CLEANING STATUS

CHECKED OUT DATE & TIME - 30-08-2022 16:54:36

- Cleaning not completed
- Electrical**
Completed on 30-08-2022 17:05:40
- Plumbing**
Completed on 30-08-2022 17:12:36
- Air Conditioner**
Completed on 30-08-2022 17:18:49

COMPLETE **APPROVE**

GRO Room Visit Checklist

5:00 PM | 4.9KB/s | 25%

Room Visit

Mr.PARAMAGURU (1122086827)

- Room Facilities
- Laundry Service
- Tariff
- CS Verificate & Sign
- Add-On Services
- Fine
- Mode of Payment
- Not Allowed List

Comments

SUBMIT

Discharge Request List

5:00 PM | 3.1KB/s | 25%

Select Ward

All

Confirm

- Mr.JOSEPH D (1122086394)
DR.VEL, DR.VRB, DR.KB, DR.RB, DR.SHAJ
Dis.Requested 27/08 09:06 A-120
- Mr.CHINNASAMY . K (1122086577)
DR.AK, DR.MP
Dis.Requested 28/08 17:46 A-221
- Mr.NAVEEN KUMAR (1122085678)
DR.VEL,
Dis.Requested 24/08 02:29 A-2EGW -15
- Mr.BALAMURUGAN .P (1122030197)
DR.SRS,
Dis.Requested 18/08 17:26 A-3SWGW -8
- Selvi.MAHESWARI (1122076541)
DR.SRS,
Dis.Requested 17/08 12:22 A-3WGW - 8
- Mr.SUDEEP KUMAR (1122087006)
DR.SRK,
Dis.Requested 30/08 11:38 A-4POW STR BED-4

Discharge Request Notification

5:01
Tue, 30 Aug | 7.8KB/s | 24%

Today: 838.5MB | This month: 25.03GB

Ganga Namathe - now
Mr.KASI NARAYANAN P.L (1122086576)
Discharge Request (A-350)

X

Housekeeping checklist

5:56 PM | 5.8KB/s VoWiFi 19%

Select Ward

A~1 FLOOR A ▼

Confirm

- Admitted A~125
- Vacant A~126
- Vacant A~127
- Admitted A~128

5:56 PM | 7.1KB/s VoWiFi 19%

HK Room Visit

A~126

- Occupied
- Vacant
- Discharge
- In Time
- Room Cleaned
- Bathroom Cleaned
- Out Time

Enter Comments (Job Order Any)

SUBMIT

Vitals Entry

5:00 PM | 1.7KB/s VoWiFi 25%

Vitals

Enter the Patient ID **LOAD** **VIEW**

Patient Name :
Gender / Age :

Height cms *

Weight kgs *

BMI kg/m2 *

BSA m2 *

Temperature F

Respiratory Rate breaths/min

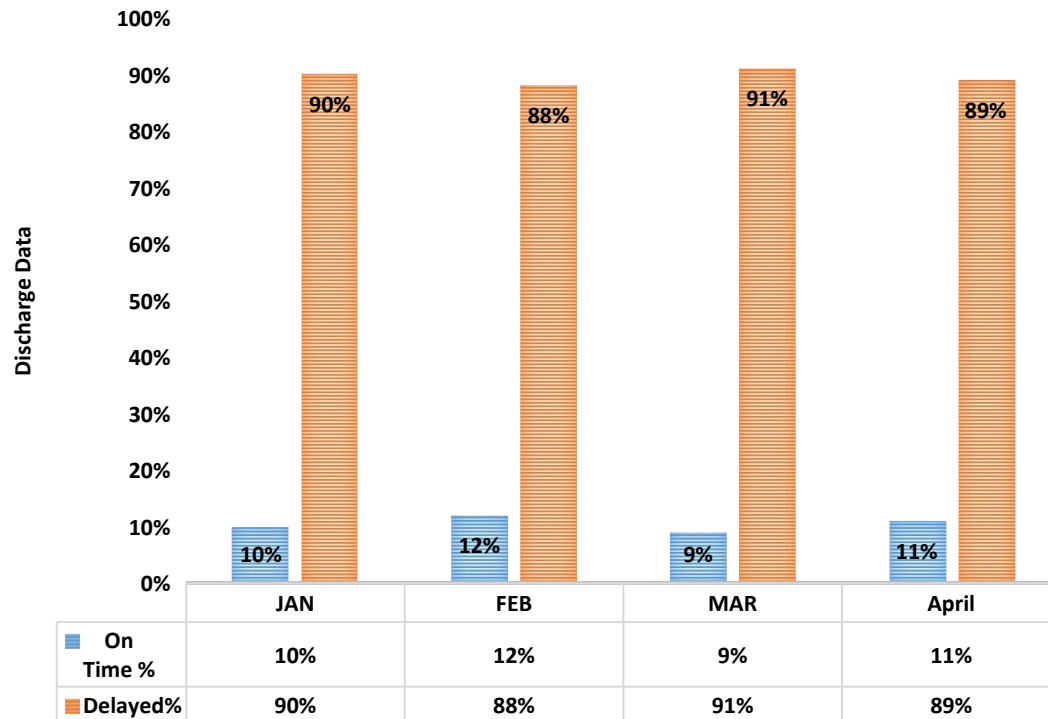
Systolic BP mm Hg

Diastolic BP mm Hg

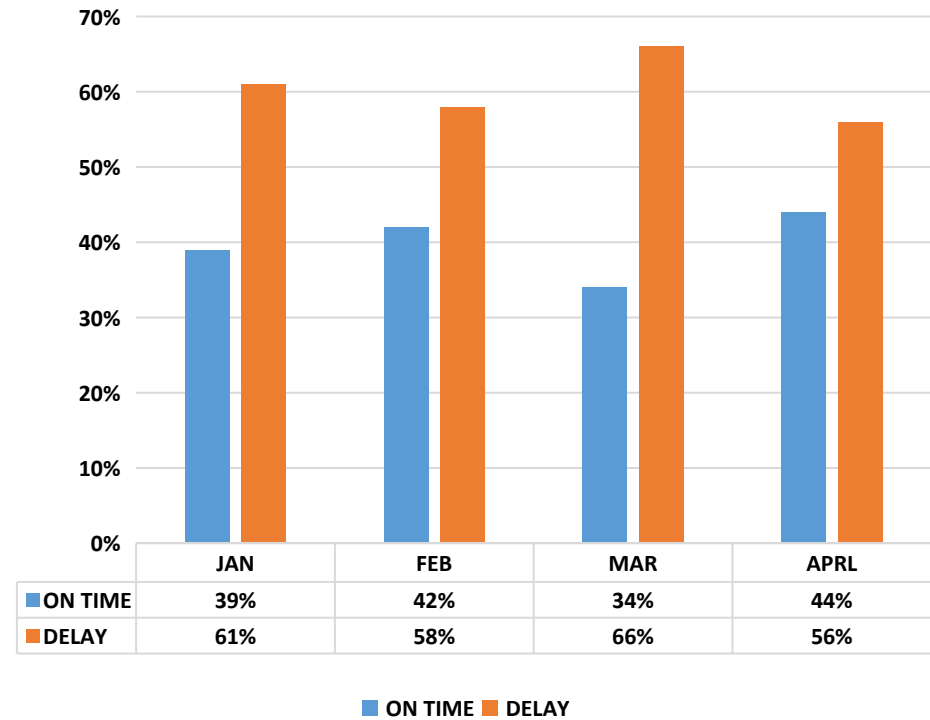
Age yrs *

DISCHARGE TIME ADHERENCE BEFORE AND AFTER IMPLEMENTING THE APP

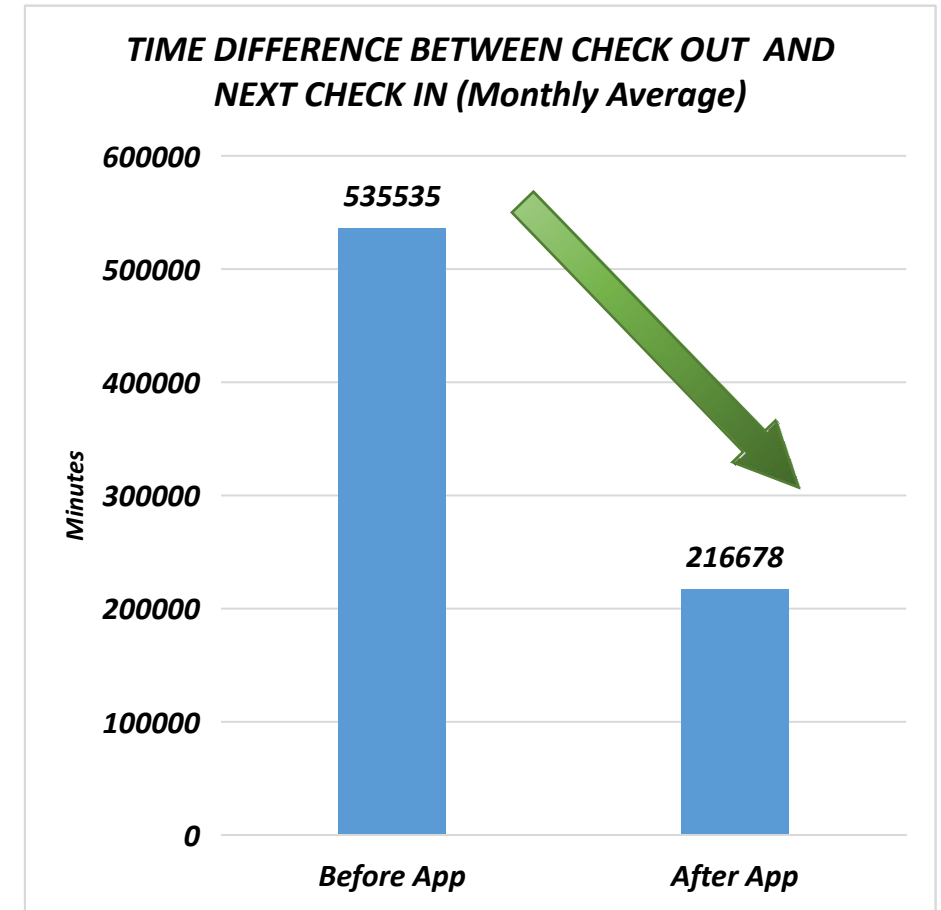
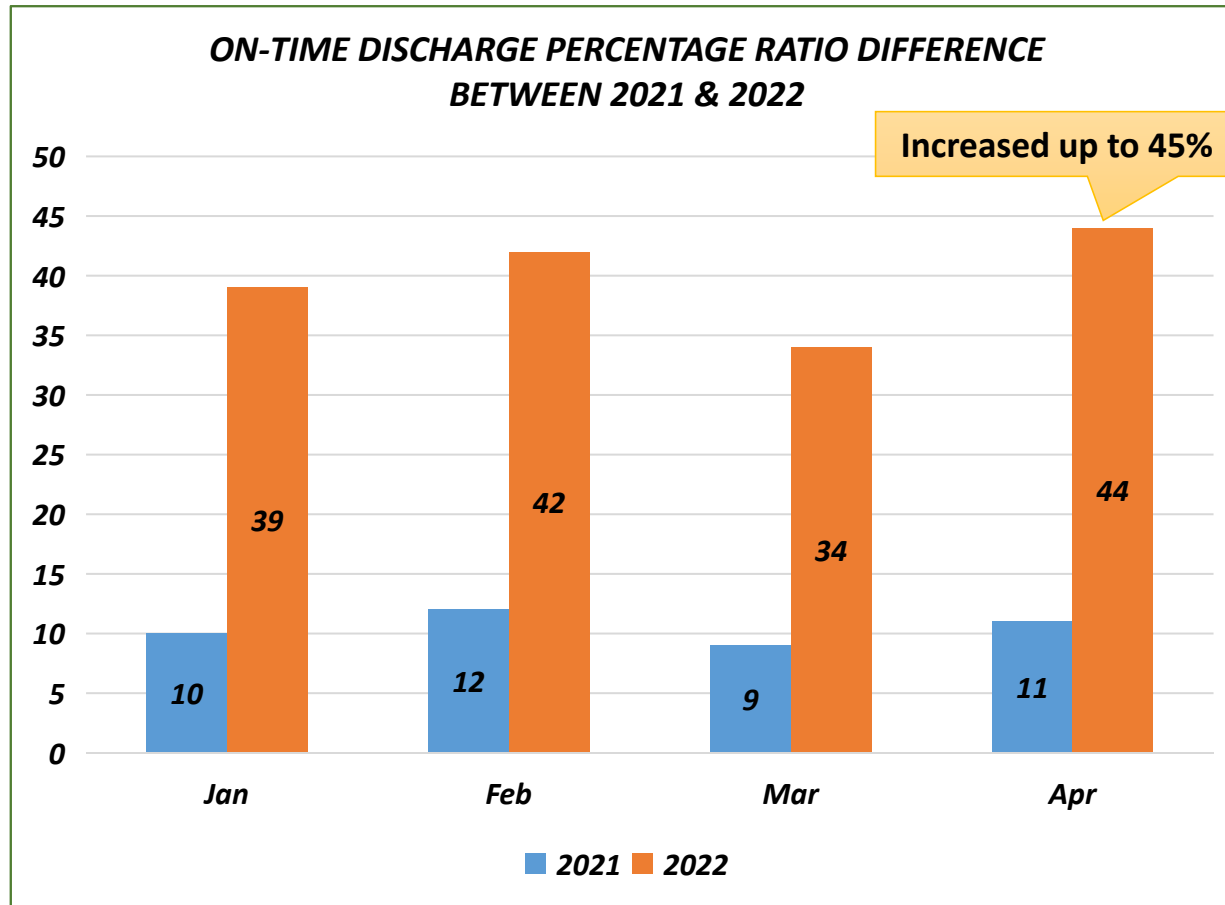
JAN- APRIL 2021



JAN - APRIL 2022



ON-TIME DISCHARGE PERCENTAGE BEFORE AND AFTER IMPLEMENTING THE APP



THANK YOU