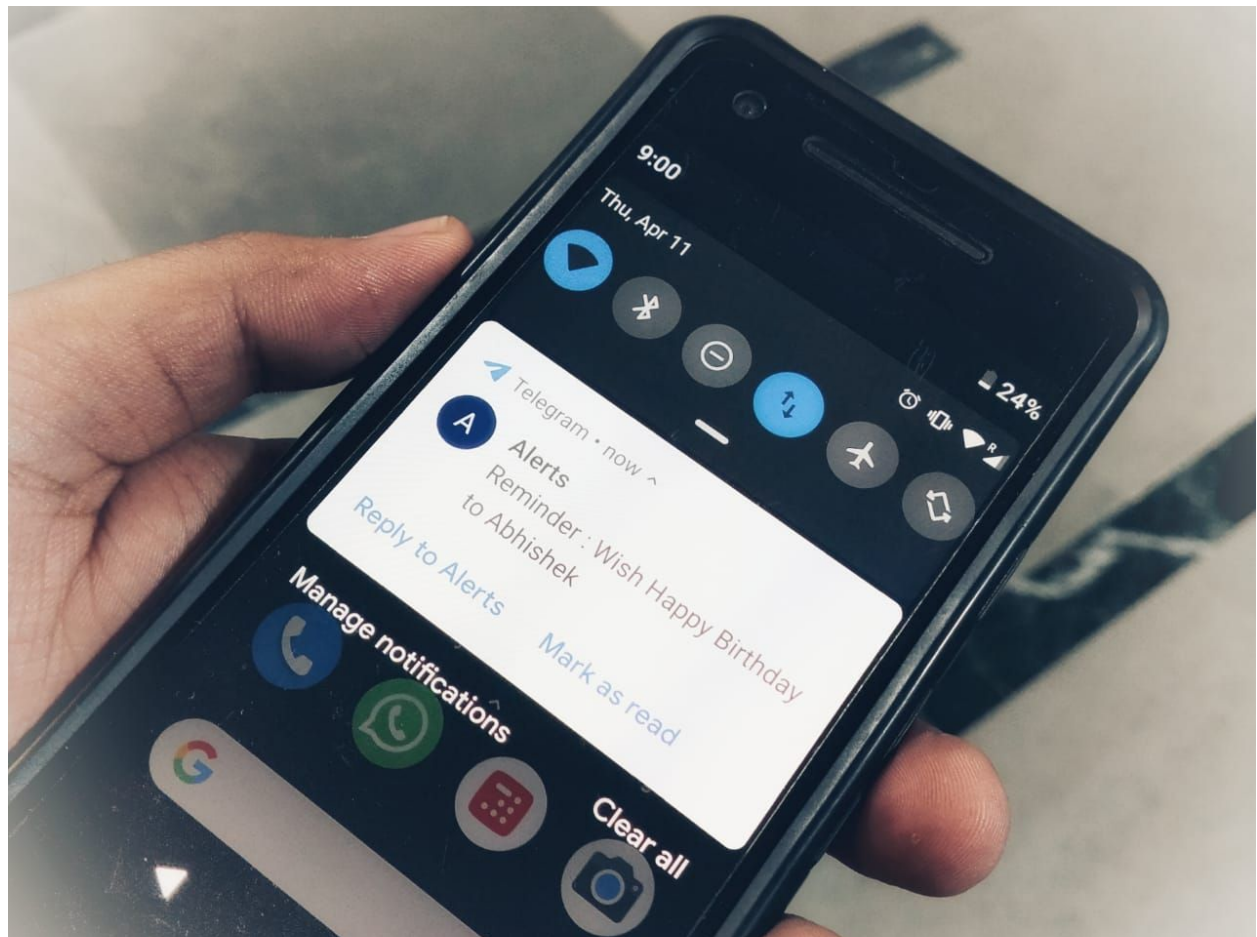# PROJECT REPORT
REMINDER SERVICE ON ANDROID

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Table of Content

Introduction

In this current age and time People usually forget the birthdays , anniversary , meetings , tasks to perform on time , as they are too busy in their day to day life. This project is developed for those people to get reminder about the important events that they need to give their attention to. Reminder Service is built upon Telegram App which anybody can use at any time. Apart from just a simple reminder service , the app is also aimed to give latest updates to users about some services they subscribed to.

Project objective

- Build a simplified reminder service on android platform.

- New technique to add reminder via chat.

- Provide extra services that user can subscribe to get updates

Target Audience

- Anybody who wants to get notification about some events
- Cryptocurrency Investors
- TV Shows and Movies Buffs

Technology Used

Python Server

- Python Server pulls pending request from telegram servers and respond to the messages
- It also scraps websites for different services to get the latest values to send
- It periodically push the notification to subscribed users

Telegram Telebot API

- Telegram provides open source Telebot API to use and develop chatbot to provide various kind of services.

MySQL Database

- Database stores all the information of the registered users , their reminders and the services they are subscribed to

PHPMyAdmin
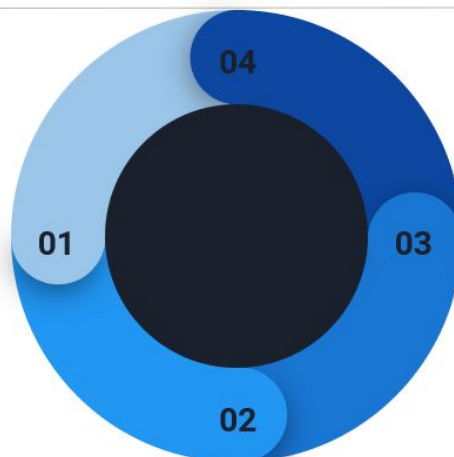
- PHPMyAdmin provided way to manage and database.

Modules

Telegram API Server
Implemented using PYTHON

Push Notification
To send reminders to the users
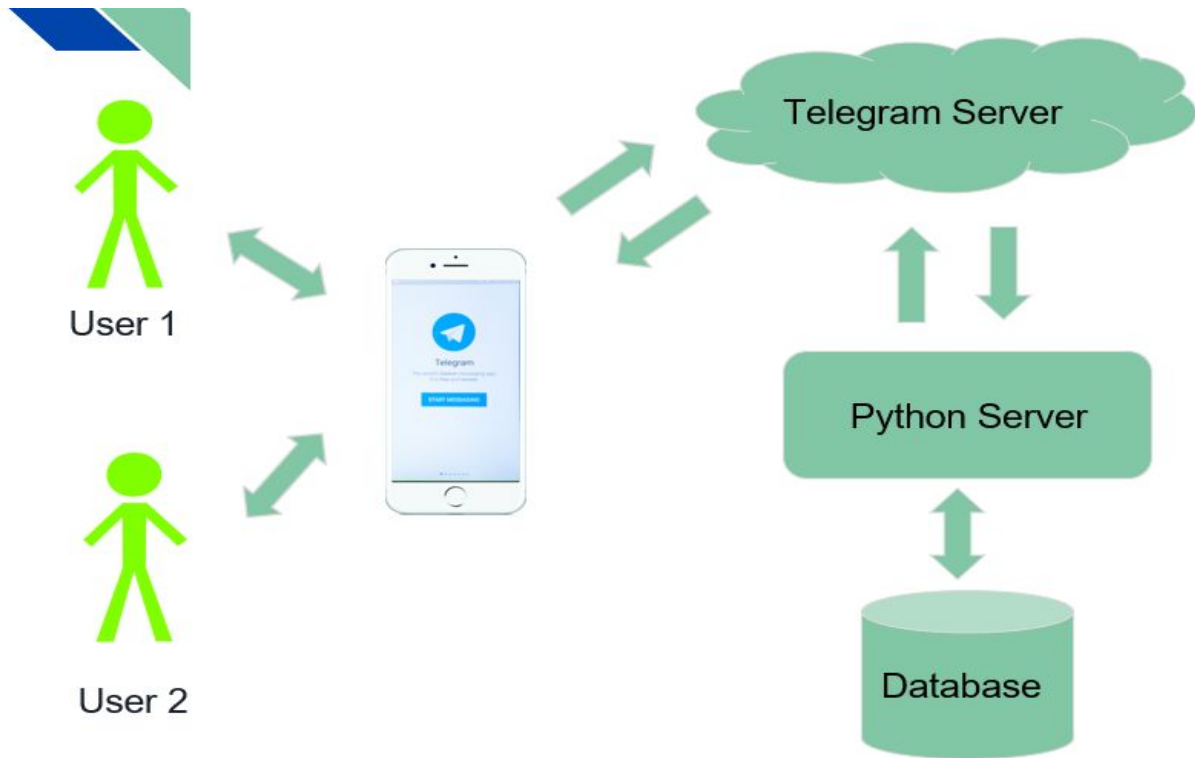
MySQL Database
To store content of the reminders

Website Scrapping
To get latest updates of the services

Architecture Model :

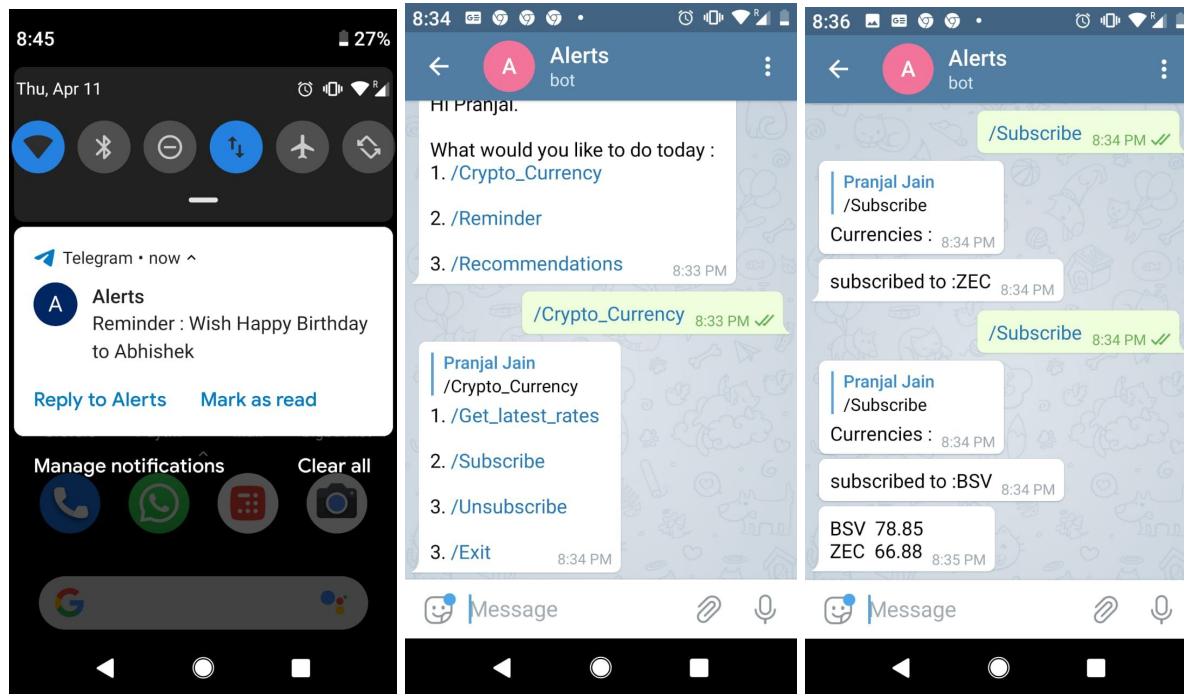## Database Design

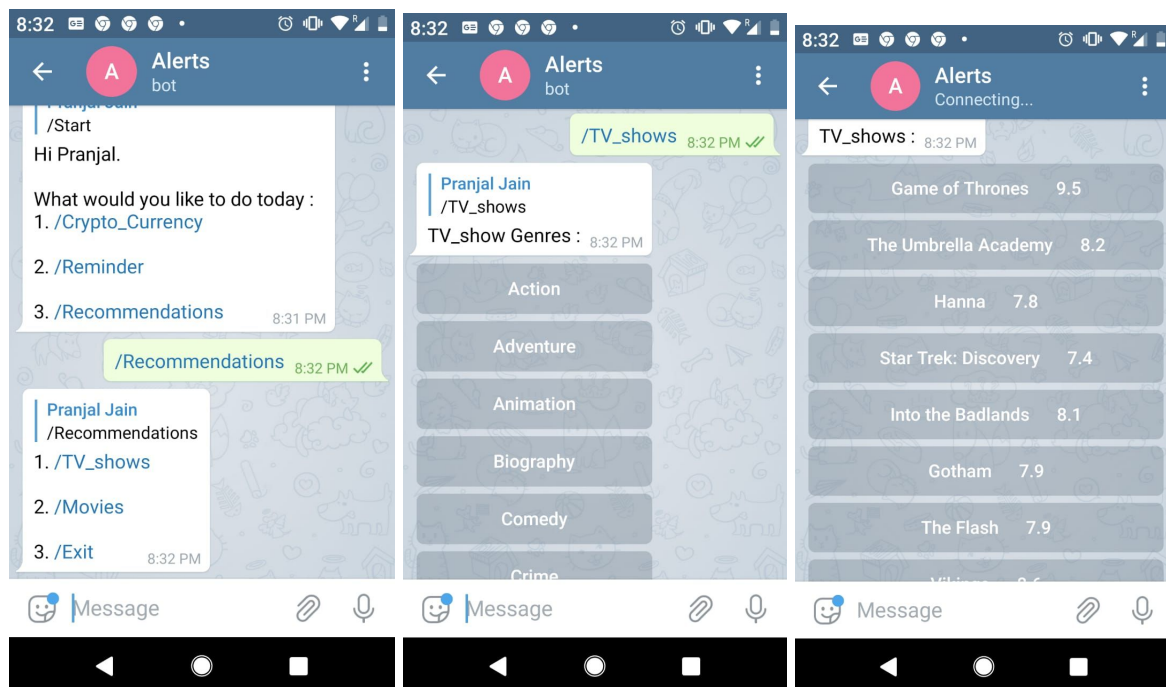| Tables	Attributes
Users : Stores registered user information	1. chatId 2. Displayname
Reminder : Stores users reminders	1. chatId 2. Date 3. Time 4. Message
Subscription : Stores subscriptions	1. chatId 2. BTC 3. MKR 4. ...other cryptocurrencies

Screenshots

Reminders :
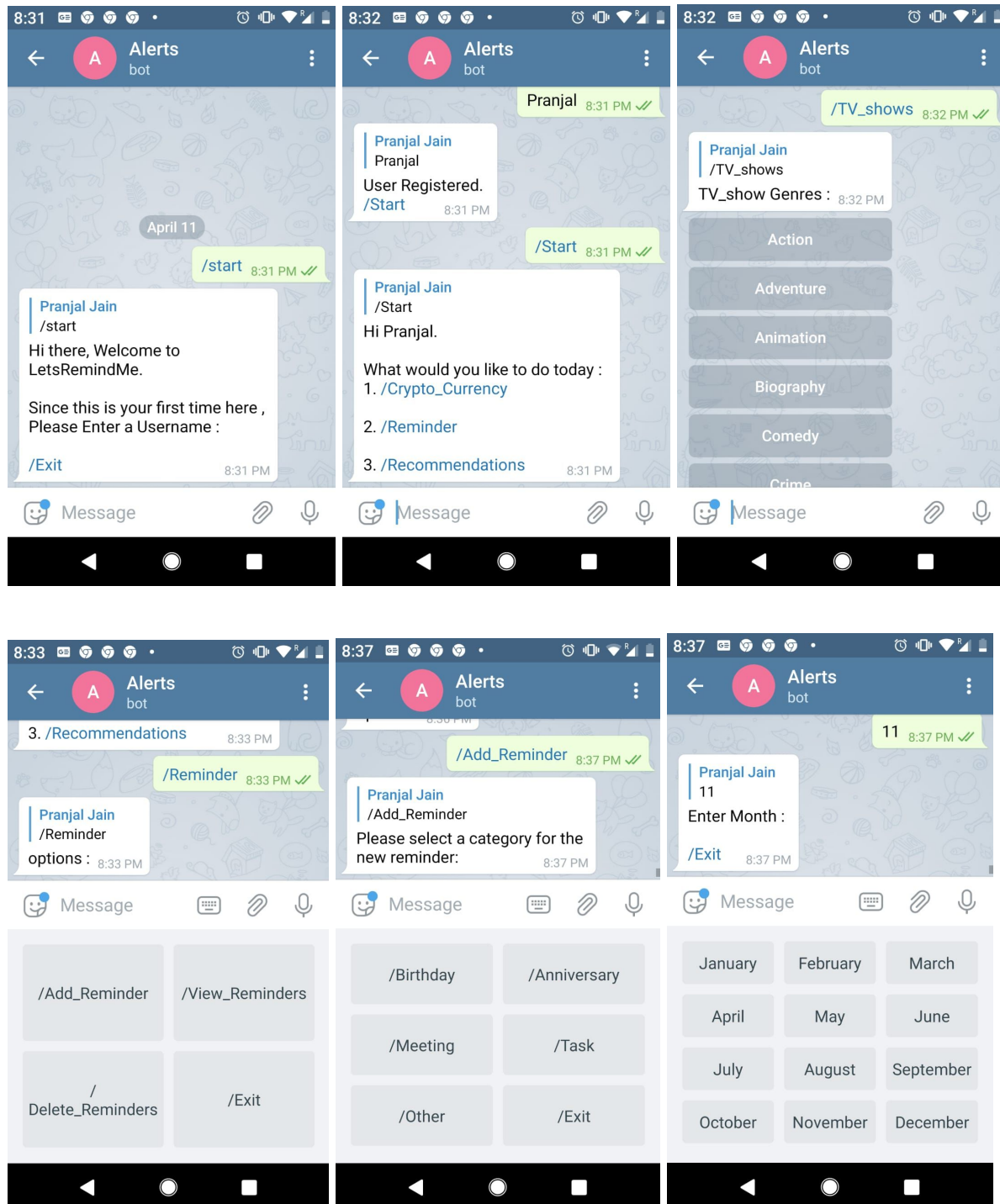
Cryptocurrency Service :

TV Shows and Movies Recommendation Service :

Future Scope

- Include more services like horoscope, weather report, cricket scores etc
- Periodic Reminders
- Send user's GPS location to relatives periodically

References

- https://github.com/eternnoir/pyTelegramBotAPI
- https://pypi.org/project/pyTelegramBotAPI/0.3.0/
- https://core.telegram.org/bots/api