

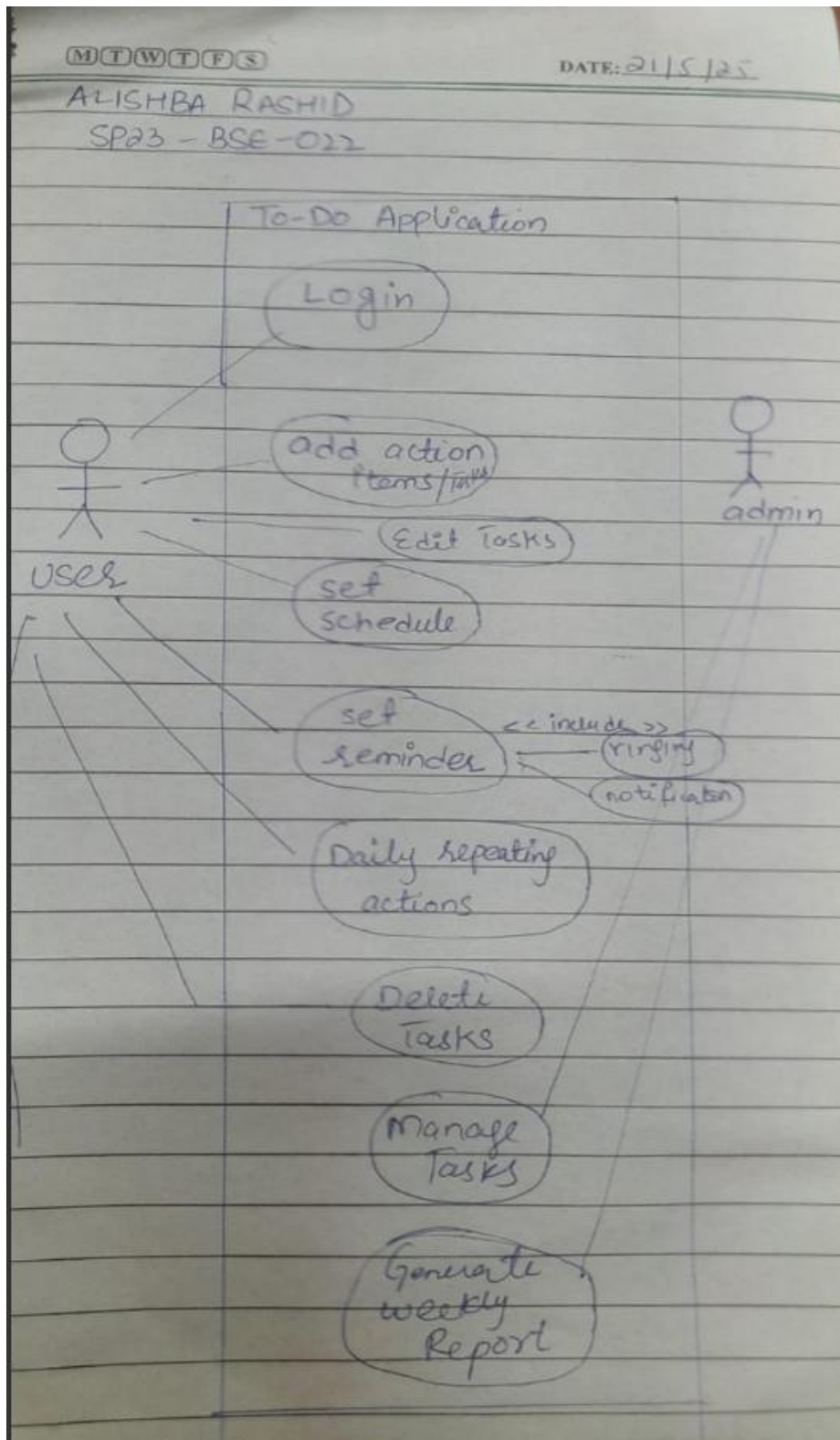
ALISHBA RASHID QURESHI

SP23-BSE-022

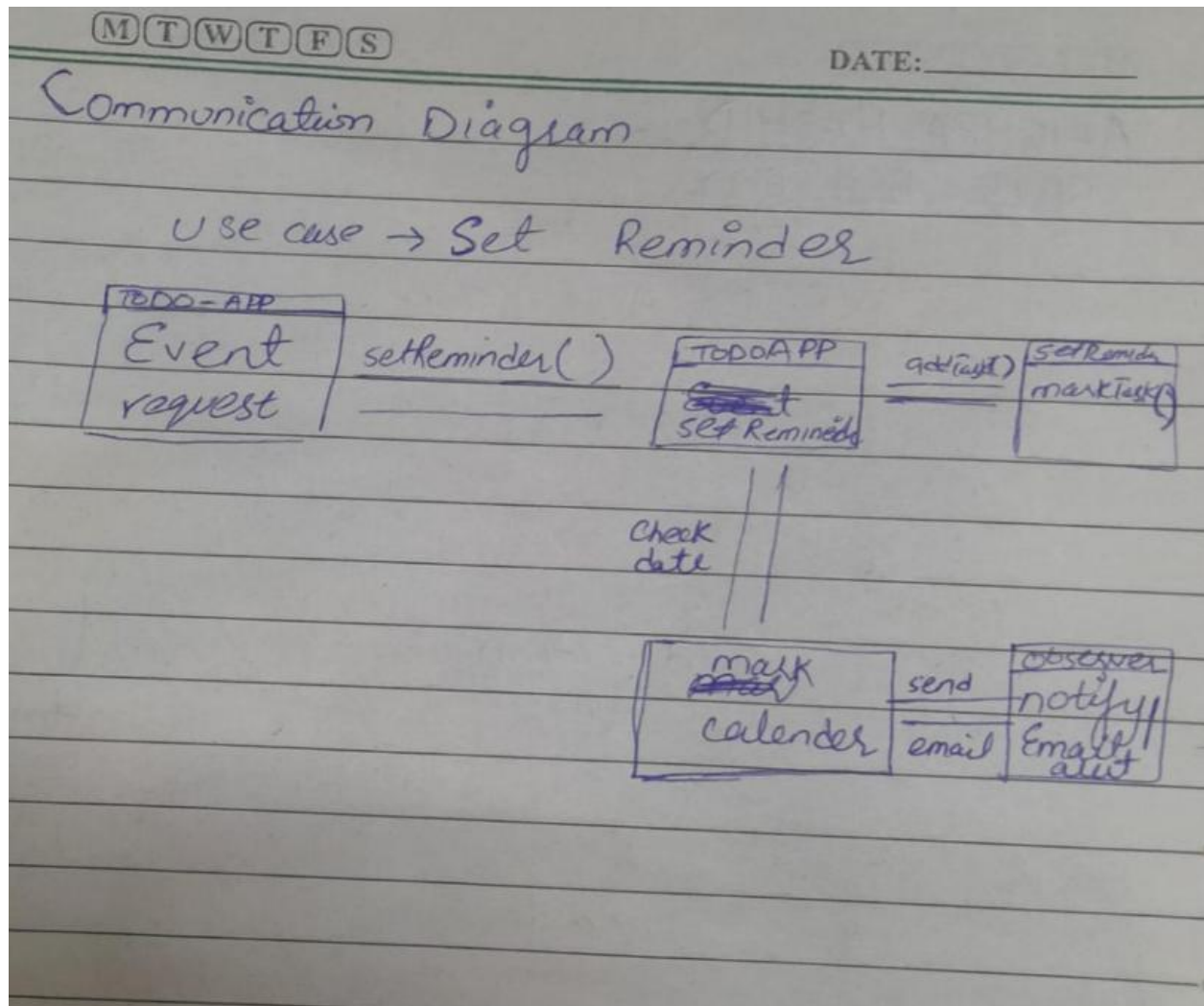
BSE-5A

MID TERM LAB

USE CASE DIAGRAM:



COMMUNICATION DIAGRAM:



USE CASE:

SET REMINDER

PRINCIPLES AND PATTERNS USED:

In this use case observer pattern is used for reminder notifications (ringing, SMS, email and notifications).

The observer pattern observes the change and notifies its observers automatically. When a task is scheduled, the system observes the time and notifies the user at the correct moment.

The use case "set reminder" uses the Single Responsibility Principle that only handles setting reminders and nothing else.

This keeps the code clean and focused on one task.
It also makes the system easier to maintain and update later.