Appointment System Proposal to Apelo Dental Clinic

# Assumptions:

Apelo opens from 9am- 9pm

There’s a specific number of doctors per day (max 6).

Each procedure have a specific estimated time allotment

Lobby can hold 12 patients

Waiting area in the operating room can hold 6 patients.

# Benefits of having appointment system:

Patient will wait for lesser time than the usual.

Avoid crowd inside the clinic.

Lesser demand for cooling of air conditioner.

Increase morale of employees and patients.

# Plans to make the appointment system better:

Doctors should provide their schedule ahead of time

Only 3-day appointment schedule will be available for booking from the current day.

Patients will be informed via SMS whether they must go on the clinic already.

Inform the patient about the maximum waiting time.

Make a cut-off on 8 pm, then:

If scheduled patients are not finished, inform them that their schedule are moved, inform them about their adjusted schedule.

Make a penalty for patients that will not come on their intended schedule.

# The developers need to know:

If doctors submit their schedule prior the entire week.

Number of patients (min and max) each day, what day is on peak?

What day does Apelo operates?

What are the procedures being offered?

Estimated time for each procedure.

Diagram

Description automatically generated