**# Medical Clinic App**

Medical Clinic App Document

**# Data Model**

Clinic

Patients

Physician

Appointment

Prescribed Test

Medication

Physician Timing

Event

**# Lightning Component**

BookPatientAppointment.cmp

TodayComponent.cmp

BookMedicationandGenerateBill.cmp

**# Apex Classes**

Bookpatientappointmentcontroller.apxc

TodayComponentController.apxc

GoogleWebService.apxc

AppointmentTriggerHandler.apxc

**# Apex trigger**

Appointmenttrigger.apxt

**# Email template**

Send email notification to the patient

**# work flow to send notification**

Send appointment to the patient

**# Flow**

> On the home page, the receptionist will see today’s appointment and upcoming appointments.

> The receptionist can search for physicians based on specialization.

> And can see detail about physician and appointment fees and then they will get the option to book an appointment

> Appointment time will appear based on physician available slots.

> Once an appointment is created email will be sent to the Patient.

> Physician and Patient google calendar will be booked for the Appointment time.

> Receptionist will have the option to cancel the appointment.

> once the appointment gets cancelled, google calendar invite will be deleted and a cancel notification will be sent to the Patient.

> Dashboard to see appointment by Physician and specialization also added to home page.

> Added option to check Patient latest appointment and add medication.