**Doctors Appointment**

**Scenario**

A major healthcare center chain spread across many locations in India has opened a 200-bed hospital in a coastal town in Andhra Pradesh. There are no such healthcare centers in 200 km radius and thus this center became the main hospital to nearly 7 lakh people in and around that town. Being part of a major chain it has its own software implemented across all departments. They are outpatient department, inpatient department, nursing stations, billing counter, pharmacies, central drug stores, diagnostic center, ambulance, intensive care units, operation theatres, emergency ward, mortuary, patient room management, staff management and training departments. Each department has its own manager and few staff given to it to manage its operations. All staff are trained to use the healthcare software provided by the management. The staff can never afford to forget data entry as otherwise they will not be able to fulfill their duties with appropriate inputs.

**Business Rules**

In the hospital for general consultation pre appointment is needed. 3 doctors always present for consultation irrespective of day between 10.00am to . 1.00pm (morning slot )and 5.00pm to 8.00pm evening slot

* Appointment can be taken by calling to the hospital reception/walk – in appointment.
* Each appointment having a coupon number.<<format : DDateSCouponNumber>>
* D 🡪 1 2 or 3 indicates doctor number
* Date 🡪 current date
* S->1 or 2 🡪 slot
* Coupon number 🡪01 to 30.
* Maximum number of appointment for a doctor is 30 in a slot
* A patient can pre or post pone the appointment in same day if available.
* A appointment cannot pre-post pone between dates.
* No more than one appointment can be given for a single patient.
* Doctor selection is automatic, a patient cannot ask for a particular doctor. As the system is centralized/automatic. Each doctor knows about each patient.

Scope

This case includes only the Doctors Appointment Application and the below interfaces are expected to be delivered.

* Appointment fixing screen: A receptionist can access screen to fix an appointment for a patient.
* Appointment transfer screen : A receptionist can access screen to transfer appointment
* Appointment view screen: A Doctor/a receptionist can see the appointment of the day/history.