**Diagnostic Centre**

**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.

Sample payment list:

Urine Test

Complete urine test :1000/-

Albumin : 100/-

Sugar :100/-

Salt :100/-

Color :100/-

Ph :100/-

Blood Test:

Complete Blood Test : 2000/-

HB :200/-

WBC :300/-

Sugar :300/-

Etc:

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Business rules

* The healthcare center’s diagnostic center provides all test facilities to patients.
* Time allotted to collect samples is 6.00am to 8.00pm
* Payment should be calculated according to the tests.
* Once the payment for the tests is done, the patient (or his caretaker) is duly examined and samples are collected within a maximum time of 1 hr.
* Patient should not undergone any test , without doctor’s prescription
* Report will be issued either after 4 hrs of the test or next day.
* Report issuing/requesting after one week consider to be canceled.

Scope

This case includes only the application for conducting tests and the below interfaces are expected to be delivered.

* Test facilities page – Chart for all the tests and the time period for report delivery with price.
* Application form for conducting test – for patients having order for specific report from doctor.
* Payment page – for completing the payment procedure.
* Report delivery page – for delivering the details report of the test.