Department of Information Systems
INF2011S – Systems Development

Phumla Kamnandi Hotels – Test Data Specification

General

As each group will have designed and constructed their own domain classes and database, this specification will not define the exact contents of the records in your test database. This document provides overall guidelines as to the contents of the database to ensure markers can determine whether your system is performing as specified. You can also use this data to design your test cases.

Bookings:

o For the purposes of the project, you need only keep bookings up to the month of December 2024.
o In order to simplify your system you can assume a single room type and a small number of rooms in the hotel (5)
o You must have at least 10 booking records in the system
o Your booking data should show the following:
   o On the 24th of December the hotel has 3 rooms available
   o The hotel is fully booked from the 25th to the 26th December
   o The hotel has one room available (each day) from the 27th to the 28th December

Guests:

o You must have at least 10 existing guest records in your system
o The following guests must be in your system:
   o John Smith, 7 Main Rd, Rondebosch, 7700 who has booked a room on the 25th December.
   o Nkosinathi Mthembu, 14 Lungelo Drive, Mtimkhulu, Durban, 4001 who has no current bookings.

Other Important Information:

o December 1st to the 7th is Low Season, 8th to the 15th is Mid Season and 16th to the 31st is High Season
o 2024 room rates are:
   o Low Season = R550 per room per night
   o Mid Season = R750 per room per night
   o High Season = R995 per room per night
o Booking deposit must be paid at least 14 days before arrival and is 10% of the total room charge for the stay.

Your database can contain other tables with data depending on the structure and requirements of your system.

Test Cases

o You must have 5 test cases that test the functionality of the system. These test cases are not handed in with your systems specification – they must be brought to the demonstration and will be used by you at the start of the evaluation to show the system meets the user's requirements.