

# SILVER OAKS HOTEL SYSTEM DOCUMENTATION

PROJECT SCOPE

GROUP 03

Hein du Plessis	– 41125614
Lohard j.v. Rensburg	– 37248529
Salim Sofinia	– 37284177
Coenri van Rooyen	– 37330527

# PROJECT SCOPE

## THE SYSTEM MUST PROVIDE THE FOLLOWING FUNCTIONAL REQUIREMENTS

- ❖ Access control, to identify and give respective authorisation to employees
  - Attributes from Authorisation Roles Table is accessed
- ❖ Maintain clients
  - Create attributes to Client Table
  - Read attributes from Client Table
  - Update attributes on Client Table
  - Delete attributes from Client Table
- ❖ Maintain packages
  - Create new attributes to Package Table
  - Read attributes from Package Table
  - Update attributes on Package Table
  - Delete attributes from Package Table
- ❖ Maintain rooms
  - Read attributes from Rooms Table
  - Update attributes on Rooms Table
- ❖ Maintain room sizes
  - Read attributes from Rooms Table
  - Update attributes on Rooms Table
- ❖ Maintain employees
  - Create new data to Employees Table
  - Read attributes from Employees Table
  - Update attributes on Employees Table
  - Delete attributes from Employees Table
- ❖ Maintain bookings
  - Create new attributes to Bookings Table
  - Read attributes from Bookings Table
  - Update attributes on Bookings Table
  - Delete attributes from Bookings Table
- ❖ Check-in clients
- ❖ Check-out clients
- ❖ Confirm Payment
- ❖ Extensive reporting, includes Bookings per Time Period and Most Popular Package per Time Period
- ❖ Export table data to CSV file

## THE SYSTEM MUST PROVIDE THE FOLLOWING NON-FUNCTIONAL REQUIREMENTS:

- ❖ Extensive Help functionality
- ❖ Provide and allow unique usernames and passwords for each system user to increase security measures of the system.
- ❖ Database will be able to hold 5000 data records, but data should be exported to CSV file yearly to maintain the efficiency of the database.
- ❖ Database queries should take no longer than 3 seconds.
- ❖ The system will be used by 2 types of system users, namely administrators and receptionists. Administrators will have access to all functionalities of the system. Receptionists will only have access to maintaining clients, maintaining bookings, checking-in, checking-out, and confirming payments.