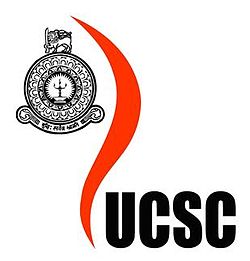
**Rapid Application Development [SCS2208]**

**Application Requirements**

**Iconic Apartments-Entertainment Area**

**Names:**

MS. ILLESINGHE R.J.

MS. HERATH D.A.

MS. HEWAVITHARANA J.P.

MS. SEWWANDI V.G.K.

MR. SENSLY Y.A.U.I.

Client’s Name: **Iconic Apartments**

Client’s Address: No 110, Parliament road, Rajagiriya.

Client’s Telephone Number(s): 011 2885688

**Introduction**

Iconic 110 Parliament Road offers residents the unique combination of premium amenities and convenient location. With state-of-the art facilities dedicated on two levels, these luxury apartments include a swimming pool, gymnasium, tennis court, spa room etc. All the apartments have uniquely spacious floor plans; the statuesque towers offer exceptional apartment layouts with multiple corner views with adequate thought going into natural ventilation and natural lighting

**Functional Requirements**

* Assign unique ID for each member
  + When registering in the system unique id will be generated for the members.
* Registration
* Register members , masseurs, coaches and instructors into the system.
* Create accounts for each customer with unique username and password
* Tennis court booking
  + Members can book tennis court with a coach.
* Track number of bookings for the tennis court
  + Only two members can use the tennis court at a booked time
* Tennis coach booking
* Online payment
  + Members can pay for their services at the end of the month.
  + A bill will be generated at the end of each month.
* Insert and update coach details
* Spa room booking
* Track number of spa booking
* Masseur booking
* Gym trainer booking
* Track availability of gym trainers
* Update gym attendance
* Update pool attendance
* Display bookings’ information.
  + Display special notices for customers
  + Show availability of the tennis court
  + Display available tennis coaches
  + Show availability of spa room
  + Display available masseurs
  + Display available trainers
* Report generation.
* Admin can generate reports on bookings and payments.

**Non- Functional Requirements**

* Security
  + Only the admin can access member details and payment details.
* User friendliness
  + Interfaces will be convenient for users.

**Task Allocation**

|  |  |
| --- | --- |
| **Member Name** | **Tasks** |
| Y.A.U.I. SENSLY | * Admin operations * Register members and instructors. * Handle all payment details * Generate reports * Entrance Display. |
| V.G.K. SEWWANDI | * Login * Login user interfaces. * Maintain Username and password database. * Payments * Handle payment gateway. |
| J.P. HEWAVITHARANA | * Gym booking system * Maintain gym booking database * Gym booking interfaces for members and instructors. |
| D.A. HERATH | * Spa booking system * Maintain Spa booking database. * Spa booking interfaces for members and masseur. |
| R.J. ILLESINGHE | * Tennis court booking system * Maintain tennis court booking database * Tennis court booking interfaces for members and coaches. |