**Assignment Two API Doc**

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URI Path: <http://localhost:8080/COMP74A2/webresources>

Clients JSON format: {"id":1,"name":"Ray"}

Hotels JSON format: {"id":1,"name":"The Grace","hotelLocation":"Hollywood, LA"}

Bookings JSON format: {"id":1,"bookingId":100001,"bookingMonth":"01","bookingDay":"01","bookingYear":"2001",

"arrivalDate":"02-01-2000","vacancyDate":"02-03-2000", "roomNumber":"12","bookingName":"Ray","hotelId":1,"clientId":1,

"destination":"Montreal","departure":"Jamacia"}

Clients Class Paths:

/clients – All Clients

/clients/{id} – Single Client

Hotels Class Paths:

/hotels – All Hotels

/hotels/{id} – Single Hotel

Bookings Class Paths:

/bookings – All Bookings

/bookings/{id} – Single Booking

/bookings/clients/hotels/{month}/{day}/{year} – Booking by Month, Day, Year

/bookings/hotels/{id}/clients – Gets Hotels that a certain client has stayed at

/bookings/clients/{id}/hotels – Gets Clients that have stayed at a certain Hotel

Clients Class Setup

Variables:

int id;

String name;

Constructors:

Clients() {}

Clients(int id, String name) {}

Get & Sets:

getId();

getName();

setId();

setName();

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Hotels Class Setup

Variables:

Int id;

String name;

String hotelLocation;

Constructors:

Hotels() {}

Hotels(int id, String name, String hotelLocation) {}

Get & Sets:

getId();

getName();

getHotelLocation();

setId();

setName();

setHotelLocation();

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Bookings Class Setup

Variables:

int id;

int bookingId;

String bookingMonth;

String bookingDay;

String bookingYear;

String arrivalDate;

String vacancyDate;

String roomNumber;

String bookingName;

int hotelId;

int clientId;

String destination;

String departure;

Constructors:

Bookings() {}

Bookings(int id, int bookingId, String bookingMonth, String bookingDay,

String bookingYear, String arrivalDate, String vacancyDate,

String roomNumber, String bookingName, int hotelId, int clientId,

String destination, String departure) {}

Gets & Sets:

getId();

getBookingId();

getBookingMonth();

getBookingDay();

getBookingYear();

getArrivalDate();

getVacancyDate();

getRoomNumber();

getBookingName();

getHotelId();

getClientId();

setId();

setBookingId();

setBookingMonth();

setBookingDay();

setBookingYear();

setArrivalDAte();

setVacancyDate();

setRoomNumber();

setBookingName();

setHotelId();

setClientId();