**Let’s Travel- Functions and Procedures**

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| **Function/Procedure name** | **Parameters** | **Tables** | **Type of query** | **Output** |
| ListAllBookings | none | Ride, Customer | equijoin | Booking\_id  Cname  Cmobile\_no  Pickup\_time  Pickup\_location  Drop\_location  Pickup\_date |
| ValidBookingTime | Date  time | Ride |  | Returns true if the booking time is greater than 60 minutes |
| ValidateDateTime  (procedure) | Pickup\_date  Pickup\_time | Ride | Simple query | Checks date and time against a regular expression, prints error message if they are not in the specified format |
| CreateBooking  (procedure) | C\_id  Cname  Cmobile\_no  Pickup\_address  Pickup\_date  Pickup\_time  Drop\_location | Ride | Insert into values command | Updates the ride table with the given details of the customer and ride |
| ValidateEmail | C\_email  Cname | Customer | Simple query using string operators | Returns Boolean value |
| RegisterUser  (procedure) | Cname  C\_pwd  C\_email  Cmobile\_no | Customer | Aggregate function count | Registers new customers who don’t have an account |
| ValidateUser | C\_email  C\_pwd | Customer | Simple query | Returns C\_id if the customer account exists |