*ADVENTURES*

Database User’s Manual

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### Database Description:

### The Database will facilitate ease for organizing an adventure tour service by managing traveler information, including contact details and tour bookings. It will streamline customer data, such as the amount paid, group affiliation, and booked dates, ensuring efficient tour coordination.

### Entity Relationship Diagram (ERD)

A screenshot of a computer

Description automatically generated

### Tables with Entity Integrity

In ***tblTour***, TourID is the primary key, has no null values, and all entries are unique. ***tblTour*** possesses the properties of entity integrity.

In ***tblReservation***, ReservationID is the primary key, has no null values, and all entries are unique. ***tblReservation*** possesses the properties of entity integrity.

In ***tblHiker***, HikerID is the primary key, has no null values, and all entries are unique. ***tblHiker*** possesses the properties of entity integrity.

### Relationships with Referential Integrity

***tblTour*** is an example of a table that exhibits referential integrity because all  
TourID entries refer to an existing TourID in ***tblReservation***.

***tblHiker*** is an example of a table that exhibits referential integrity because all  
HikerID entries refer to an existing HikerID in ***tblReservation***.

### Requirements

|  |  |
| --- | --- |
| **Requirement** | **Object Name(s)** |
| **Tables** |  |
| 3 tables with at least 10 additional records in each table | tblHiker, tblReservation, tblTour |
| **Queries** |  |
| 1 query with criteria using a comparison operator | qryTourReservationJan-June |
| 1 query using an aggregate function | qryTourListPricing |
| 1 query using a calculated field | qryTourInvoices2023 |
| 1 advanced query | qryRidgeviewGastoniaCustomers, qryCityInvoices\_Crosstab |
| 1 action query | qry704AreaCodeAppend |
| 1 multi-table select query | qryTourDetails |
| 1 parameter query that prompt for criteria, using wildcards so that you can leave the prompt blank and all records will display | qryTourByHoursParameter |
| 1 SQL query that lists all the fields of a table | qrySQLtblReservation |
| 1 SQL query that lists only some the fields of a table, order by one of the fields | qrySQLPeopleCount |
| 1 SQL query that lists all the fields of a table using criteria | qrySQLHikerMA |
| **Forms** |  |
| 1 form for each table | frmHikerData, frmReservationData, frmTourData |
| 1 form with subform | frmAdventureBooking |
| 1 form containing a combo box to find records | frmAdventureBooking |
| 1 form that lists all the database queries in a list box | frmQueries |
| 1 Navigation Form | frmNavigation |
| **Reports** |  |
| 1 report that contains data from more than one table and uses conditional formatting | rptHikingTours |
| 1 groups and totals report | rptToursAndInvoices |