**DATA DICTIONARY**

**registered\_user table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| email | String |  | 25 | Unique email of each user | abc@gmail  .com |  |
| fname | String |  | 20 | Name of the user | Amit |  |
| lname | String |  | 20 | Surname of the user | Sen |  |
| street | String |  | 30 | Street name where user lived | M.k road |  |
| city | String |  | 20 | Name of the city where user lived | abcd |  |
| pincode | Integer |  | 10 | Pincode of the location where user lived | 700036 |  |
| state | String |  | 20 | Name of the state where user lived | West bengal |  |
| contact | Long Integer | NNNNNNNNNN | 10 | Mobile number of the user | 9866753478 |  |
| password | String |  | 20 | Password for login | Ab@01 | Containing upper case, lower case,number and special character |

**Package\_info table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| PID | String | PPPPYYNNNN(package-number) | 10 | Unique ID of each package | MANA180023 |  |
| package \_name | String |  | 20 | Name of the package | Manali trip |  |
| journey\_date | Date | dd/mm/yyyy | 10 | Starting date of the journey | 12/08/2016 |  |
| price | Long integer |  | 10 | Total package cost for each people | 25000 | price>0 |
| total\_duration | Integer |  | 3 | Days required to complete the trip | 20 | total\_duration>0 |

**Destination table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| destination\_id | String | DDDDDDNNNN(detination-number) | 10 | Unique ID of each destination | MANALI0010 |  |
| attractions | String |  | 30 | Name of the attracting places | Hadimba temple,  Kullu |  |
| type | Array of String |  | 10 | Which type of place | Mountain  Adventurous |  |
| site\_photos | Binary data |  |  | Store attractive photos of the  site |  |  |

**trip\_info table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| trip\_id | String | MTTTTYYNNN(M-trip-number) | 10 | Unique ID of each trip | MMANA18001 |  |
| total\_duration | Integer |  | 3 | Days required to complete the trip | 20 | total\_duration>0 |
| start\_date | Date | dd/mm/yyyy | 10 | Starting date of the trip | 12/08/2016 |  |
| cost | Long integer |  | 10 | Total cost for the trip | 25000 |  |
| no\_of\_people | Integer | N | 4 | Number of people including user for trip | 5 |  |
| email | String |  | 25 | foreign key references email of registered user table | abc@gmail.com |  |

**admin table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| email | String |  | 25 | Email id of the admin | abc@gmail.com |  |
| password | String |  | 20 | Password for login | Ab@01 | Containing upper case, lower case,number and special character |

**hotel table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| hotel\_registration\_no | String | CCSSPPNNNN(country-  state-city-number) | 10 | Unique registration number of each hotel | INWBKO1020 |  |
| hotel\_name | String |  | 30 | Name of the hotel | Taj hotel |  |
| coordinates | Array of String |  | 8 | Coordinates of the hotel | 22.5612N  88.3512S |  |
| rating | Float |  | 3 | Rate of hotel out of 5 | 3.5 | 0<=rating<=5.0 |
| pincode | Integer |  | 10 | Pincode of the city where city belongs | 700036 |  |

**room table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| room\_id | String | FFNNN  (floor-number) | 5 | Unique room id of each room of a hotel | 02202 |  |
| hotel \_id | String | CCSSPPNNNN(country-  state-city-number) | 10 | foreign key references hotel\_registration\_no of hotel table | INWBKO1020 |  |
| rate\_per\_day | float |  | 8 | Rate per day for a room | 2000.00 |  |
| details | String |  | 30 | Bed type,room attraction etc. | King or twin beds, Suite are perfect |  |
| room\_type | String |  | 10 | Type of the room | Family Room |  |
| room\_picture | Binary data |  |  | Pictures of the room |  |  |

**Books table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| email | String |  | 25 | foreign key references email of registered user table | abc@gmail.com |  |
| PID | String | PPPPYYNNNN(package-number) | 10 | foreign key references PID of package\_info table | MANA180023 |  |
| no\_of\_people | Integer | N | 1 | Number of people including user for trip | 5 |  |
| payment-status | boolean |  | 3 | Indicate payment paid or not | Yes(successful)  no(unsuccessful) |  |
| booking\_date | Date | dd/mm/yyyy | 10 | Booking date of the trip | 12/08/2016 |  |

**trip\_details table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| trip\_id | String | MTTTTYYNNN | 10 | foreign key references trip\_id of trip table | MMANA18001 |  |
| destination\_id | String | DDDDDDNNNN | 10 | foreign key references destination\_idl of destination table | MANALI0010 |  |
| transport\_details | String |  | 10 | During trip which transport is used by user | Train number:302756 |  |
| duration | Integer |  | 3 | Duration of a trip in days | 20 |  |
| accommodation\_details | String |  | 30 | Name of the hotels | Taj hotel,  Abc hotel,  Xyz hotel |  |

**package\_details table:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data item | Data type | Data format | Size for display | Description | Example | Validation |
| destination\_id | String | DDDDDDNNNN | 10 | foreign key references destination\_idl of destination table | MANALI0010 |  |
| PID | String | PPPPYYNNNN(package-number) | 10 | foreign key references PID of package\_info table | MANA180023 |  |
| transport\_details | String |  | 10 | During trip which transport is used | Train number:302756 |  |
| duration | Integer |  | 3 | Duration of the package in days | 20 | duration>0 |
| Important\_places | String |  | 30 | Attractive places of the package | Kullu,Taj mahal |  |
| accommodation\_details | String |  | 30 | Name of the hotels | Taj hotel,  Abc hotel,  Xyz hotel |  |