# Relational Model for TravelEase

## Traveler

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TravelerID (PK) | FullName | Email | TPassword | PhoneNumber | Nationality | Age | AccountStatus | RegistrationDate | LastLogin |

## Preferences

|  |  |
| --- | --- |
| TravelerID (FK References Traveler(TravelerID)) | Preference |

## Trip

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TripID (PK) | Title | TDescription | StartDate | EndDate | PricePerPersonInDollars | TripType | Capacity | DurationInDays | TStatus | CreatedAt | Accessibility | OperatorID (FK References TourOperator(OperatorID)) |

## TourOperator

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| OperatorID (PK) | CompanyName | Email | TOPassword | Phone | Rating | RegistrationDate | LastLogin |

## ServiceProvider

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ProviderID (PK) | SPName | SPType | Email | SPPassword | OnTimePerformance | AverageRating | RegistrationDate | LastLogin | MaxCapacity | AvailableCapacity |

## Booking

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TravelerID (FK References Traveler(TravelerID)) | TripID (FK References Trip(TripID)) | BookingDate | BStatus | AbandonmentReason | PaymentID (FK References Payment(PaymentID)) |

## Payment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PaymentID (PK) | AmountInDollars | PaymentDate | PaymentMethod | PStatus |

## ServiceAssignment

|  |  |  |
| --- | --- | --- |
| TripID (FK ReferencesTrip(TripID)) | ProviderID (FK References ServiceProvider(ProviderID)) | Accepted |

## Review

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ReviewID (PK) | Rating | Comment | ReviewDate | TravelerID (FK References Traveler(TravelerID)) | TripID (FK References Trip(TripID)) | ProviderID (FK References ServiceProvider(ProviderID)) |

## Admin

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AdminID (PK) | Email | APassword | RegistrationDate | LastLogin |

## SupportTicket

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TicketID (PK) | STSubject | STMessage | CreatedAt | RespondedAt | ResponseMessage | STStatus | TravelerID (FK References Traveler(TravelerID)) | OperatorID (FK References TourOperator(OperatorID)) |

## Destination

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TripID (FK References Trip(TripID)) | DestinationID | City | Country | Region | AddedDate | DDescription |

## Wishlist

|  |  |  |
| --- | --- | --- |
| TravelerID (FK References Traveler(TravelerID)) | TripID (FK References Trip(TripID)) | AddedDate |