**Haukainga HomeWinds Database Structure**

As I (Talgat Narbaev) have investigated, Haukainga HomeWinds project requires three main entities such as website administrators, property owners and customers. However, there will be other sub main tables of data such as bookings, properties, and payments in database structure.

After final investigation the first version of structure of database structure is provided below for further discussion of the team members.

**tblAdmins**

* aAdminID
* aFirstName
* aLastName
* aDateOfBirth
* aGender
* aAddress
* aAddress2
* aCity
* aState
* aZipCode
* aCoutnry
* aPhoneNo
* aEmailAddress

**tblPropOwners**

* oOwnerID
* oFirstName
* oLastName
* oDateOfBirth
* oGender
* oAddress
* oAddress2
* oCity
* -oState
* oZipCode
* oCountry
* oPhoneNo
* oEmailAddress
* oPropAmount

**tblCustomers**

* cCustomerID
* cFirstName
* cLastName
* cDateOfBirth
* cGender
* cAddress
* cAddress2
* cCity
* cState
* cZipCode
* cCountry
* cPhoneNo
* cEmailAddress
* cPassportPic ”verified” – additional feature / not free plugin

**tblBookings**

* bBookingID
* bPropertyID
* bCustomerID
* bDateFrom
* bDateTo
* bPropertyCount
* bBookingStatus

**tblPayments**

* pPaymentID
* pPropertyID
* pDate
* pAmount
* pPaymentType
* pPaymentStatus

**tblProperties**

* prPropertyID
* prTitle
* prDesctription
* prType
* prImage
* prRate
* prFitGuestsNo
* prSize
* prAddress
* prAddress2
* prCity
* prState
* prZipCode
* prCountry
* prAvailabilityStatus
* prOwnerID
* prOwnerPhoneNo
* prOwnerEmailAddress

**Business Rules applied on Database function:**

1. There will be multiple bookings

- Bookings will be made at least for 3 days

2. Owners might own multiple properties

- Properties can have different rates

- Properties will vary in size

- There can be more than one guest per property

**Database ERD:**

![A screenshot of a computer

Description automatically generated]()