```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="property_data">
    <xs:complexType>
      <xs:sequence>
        <xs:element maxOccurs="unbounded" ref="property"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="property">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="property_details"/>
        <xs:element ref="property_bathrooms"/>
        <xs:element ref="property_descriptions"/>
        <xs:element ref="property_calendar"/>
        <xs:element ref="property_addresses"/>
        <xs:element ref="property_amenities"/>
        <xs:element ref="property_attributes"/>
        <xs:element ref="property_bedrooms"/>
        <xs:element ref="property_calendars"/>
        <xs:element ref="property_default_rates"/>
        <xs:element ref="property_fees"/>
        <xs:element ref="property_flags"/>
        <xs:element ref="property_photos"/>
        <xs:element ref="property_rate_summary"/>
        <xs:element ref="property_rates"/>
        <xs:element ref="property_special"/>
        <xs:element ref="property_themes"/>
        <xs:element ref="property_videos"/>
        <xs:element ref="review_count"/>
        <xs:element ref="review_photos"/>
        <xs:element ref="review_sum"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="property_details">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="check_in"/>
        <xs:element ref="check_out"/>
        <xs:element ref="name"/>
        <xs:element ref="bathroom_count"/>
        <xs:element ref="bedroom_count"/>
        <xs:element ref="currency"/>
        <xs:element ref="elder"/>
        <xs:element ref="handicap"/>
        <xs:element ref="minimum_stay"/>
```

```xml
        <xs:element ref="occupancy"/>
        <xs:element ref="pet"/>
        <xs:element ref="smoking"/>
        <xs:element ref="unit_size"/>
        <xs:element ref="url"/>
        <xs:element ref="unit_size_units"/>
        <xs:element ref="property_type"/>
        <xs:element ref="children"/>
      </xs:sequence>
    </xs:complexType>
</xs:element>
<!-- Time of checked, unformatted string -->
<xs:element name="check_in" type="xs:string" nillable="true" />
<xs:element name="check_out" type="xs:string" />
<!-- bathroom count can be a decimal to allow for 1.5 baths, bedroom is always a whole number -->
<xs:element name="bathroom_count" type="xs:decimal"/>
<xs:element name="bedroom_count" type="xs:integer"/>
<!-- This should be one of the ISO 4217 Currency Codes -->
<xs:element name="currency" type="xs:string"/>
<!-- Does the property accomodate the following -->
<xs:simpleType name="elder">
  <xs:restriction base="xs:string" />
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Ask" />
</xs:simpleType>
<xs:simpleType name="handicap">
  <xs:restriction base="xs:string" />
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Ask" />
</xs:simpleType>
<xs:simpleType name="pet">
  <xs:restriction base="xs:string" />
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Ask" />
</xs:simpleType>
<xs:simpleType name="smoking">
  <xs:restriction base="xs:string" />
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Ask" />
</xs:simpleType>
<!-- The base minimum stay for the property, can be overridden by rate elements-->
<xs:element name="minimum_stay" type="xs:integer" />
<!-- Total guest count -->
<xs:element name="occupancy" type="xs:integer"/>
```

```xml
<xs:element name="unit_size" type="xs:string"/>
<xs:simpleType name="unit_size_units">
 <xs:restriction base="xs:string" />
 <xs:enumeration value="square_feet" />
 <xs:enumeration value="meters_squared" />
</xs:simpleType>
<!-- Another URL for the property -->
<xs:element name="url" type="xs:anyURI"/>
<xs:simpleType name="property_type">
 <xs:restriction base="xs:string" />
 <xs:enumeration value="House"/>
 <xs:enumeration value="Apt. / Condo"/>
 <xs:enumeration value="Cabin"/>
 <xs:enumeration value="B&amp;B"/>
 <xs:enumeration value="Resort"/>
 <xs:enumeration value="Other"/>
 <xs:enumeration value="Villa"/>
 <xs:enumeration value="Castle"/>
 <xs:enumeration value="Chalet"/>
 <xs:enumeration value="Cottage"/>
 <xs:enumeration value="Farmhouse / Barn"/>
 <xs:enumeration value="Estate"/>
 <xs:enumeration value="Houseboat"/>
 <xs:enumeration value="Yacht"/>
</xs:simpleType>
<xs:element name="property_bathrooms">
 <xs:complexType>
  <xs:sequence>
   <xs:element minOccurs="0" maxOccurs="unbounded" ref="property_bathroom"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="property_bathroom">
 <xs:complexType>
  <xs:sequence>
   <xs:simpleType name="type">
    <xs:restriction base="xs:string" />
    <xs:enumeration value="Full Bath (includes shower)"/>
    <xs:enumeration value="Half Bath (no shower)"/>
    <xs:enumeration value="Shower Only"/>
    <xs:enumeration value="other"/>
   </xs:simpleType>
   <xs:element ref="description"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="property_descriptions">
 <xs:complexType>
```

```xml
  <xs:sequence>
    <xs:element maxOccurs="unbounded" ref="property_description"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="property_description">
 <xs:complexType>
   <xs:sequence>
    <xs:simpleType name="type">
       <xs:restriction base="xs:string"/>
       <xs:enumeration value="property" />
       <xs:enumeration value="rates" />
       <xs:enumeration value="location" />
    </xs:simpleType>
    <xs:element ref="description"/>
   </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="property_addresses">
 <xs:complexType>
   <xs:sequence>
    <xs:element ref="city"/>
    <xs:element ref="zip"/>
    <xs:element ref="address1"/>
    <xs:element ref="address2"/>
    <xs:element ref="longitude"/>
    <xs:element ref="precision"/>
    <xs:element ref="show_exact_address"/>
    <xs:element ref="state"/>
    <xs:element ref="subregion"/>
    <xs:element ref="country"/>
    <xs:element ref="latitude"/>
   </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="city" type="xs:string"/>
<xs:element name="zip" type="xs:string"/>
<xs:element name="address1" type="xs:string"/>
<xs:element name="address2" type="xs:string"/>
<xs:simpleType name="precision">
 <xs:restriction base="xs:string" />
 <xs:enumeration value="location" />
 <xs:enumeration value="street" />
 <xs:enumeration value="coord" />
</xs:simpleType>
<!-- if 0, you can NOT show a pin point on a map and must show just the general area -->
<xs:element name="show_exact_address" type="xs:integer"/>
<xs:element name="state" type="xs:string"/>
```

```xml
<xs:element name="subregion" type="xs:string" />
<xs:element name="country" type="xs:string"/>
<xs:element name="latitude" type="xs:decimal"/>
<xs:element name="longitude" type="xs:decimal"/>
<xs:element name="property_amenities">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" ref="property_amenity"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="property_amenity">
  <xs:complexType>
    <xs:choice maxOccurs="unbounded">
      <xs:element ref="description"/>
      <xs:element ref="order"/>
      <xs:element ref="parent_amenity"/>
      <xs:element ref="site_amenity"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="parent_amenity" type="xs:string"/>
<xs:element name="site_amenity" type="xs:string"/>
<xs:element name="property_attributes">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="user_id"/>
      <xs:element ref="modified"/>
      <xs:element ref="score"/>
      <xs:element ref="user_group_id"/>
      <xs:element ref="frontdesk_id"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="user_id" type="xs:integer"/>
<xs:element name="score" type="xs:string"/>
<!-- This will either be 2 (Professional Manager) or 6 (individual owner) -->
<xs:element name="user_group_id" type="xs:integer"/>
<xs:element name="frontdesk_id" type="xs:integer"/>
<xs:element name="property_bedrooms"/>
<xs:element name="property_default_rates">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="property_default_rate"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="property_default_rate">
```

```xml
    <xs:complexType>
     <xs:sequence>
      <!-- These are rates to be used when there is no rate for a date range -->
      <xs:element ref="day_max_rate"/>
      <xs:element ref="modified"/>
      <xs:element ref="week_max_rate"/>
      <xs:element ref="month_max_rate"/>
      <xs:element ref="minimum_length"/>
      <xs:element ref="month_min_rate"/>
      <xs:element ref="day_min_rate"/>
      <xs:element ref="week_min_rate"/>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="property_fees">
    <xs:complexType>
     <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="property_fee"/>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="property_fee">
    <xs:complexType>
     <xs:sequence>
      <xs:element ref="fee_units"/>
      <xs:element ref="required"/>
      <xs:element ref="property_fee_type_id"/>
      <xs:element ref="name"/>
      <xs:element ref="cost"/>
      <xs:element ref="type"/>
      <xs:element ref="description"/>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="fee_units" type="xs:string"/>
   <xs:element name="required" type="xs:integer"/>
   <xs:element name="property_fee_type_id" type="xs:integer"/>
   <xs:element name="cost" type="xs:integer"/>
   <xs:element name="property_flags">
    <xs:complexType>
     <xs:sequence>
      <xs:element ref="rates_updated"/>
      <xs:element ref="last_booked_date"/>
      <xs:element ref="has_special"/>
      <xs:element ref="photos_updated"/>
      <xs:element ref="calendar_updated"/>
     </xs:sequence>
    </xs:complexType>
```

```xml
      </xs:element>
      <xs:element name="rates_updated" type="xs:datetime"/>
      <xs:element name="last_booked_date" type="xs:datetime"/>
      <!-- either 1 or 0 for -->
      <xs:element name="has_special" type="xs:integer"/>
      <xs:element name="photos_updated" type="xs:datetime"/>
      <xs:element name="calendar_updated" type="xs:datetime"/>
      <xs:element name="property_photos">
        <xs:complexType>
          <xs:sequence>
            <xs:element maxOccurs="unbounded" ref="property_photo"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="property_photo">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="description"/>
            <xs:element ref="base_url"/>
            <xs:element ref="photo_file_name"/>
            <xs:element minOccurs="0" ref="modified"/>
            <xs:element ref="height"/>
            <xs:element ref="order"/>
            <xs:element ref="largest_image_prefix"/>
            <xs:element ref="photo_type"/>
            <xs:element ref="width"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="base_url" type="xs:string"/>
      <xs:element name="photo_file_name" type="xs:string"/>
      <xs:element name="height" type="xs:integer"/>
      <xs:simpleType name="largest_image_prefix">
        <xs:restriction base="xs:string" />
        <xs:enumeration value="large" />
        <xs:enumeration value="640x480" />
      </xs:simpleType>
      <xs:element name="photo_type" type="xs:string"/>
      <xs:element name="width" type="xs:integer"/>
      <xs:element name="property_rate_summary">
        <xs:complexType>
          <!-- The user version is in their native currency, from teh currency element, and the non user_
versions are converted to USD-->
          <xs:element ref="day_max_rate"/>
          <xs:element ref="day_min_rate"/>
          <xs:element ref="minimum_length"/>
          <xs:element ref="month_max_rate"/>
          <xs:element ref="month_min_rate"/>
```

```xml
        <xs:element ref="week_max_rate"/>
        <xs:element ref="week_min_rate"/>
        <xs:element ref="user_day_max_rate"/>
        <xs:element ref="user_day_min_rate"/>
        <xs:element ref="user_month_max_rate"/>
        <xs:element ref="user_month_min_rate"/>
        <xs:element ref="user_week_max_rate"/>
        <xs:element ref="user_week_min_rate"/>
    </xs:complexType>
</xs:element>
<xs:element name="user_day_max_rate" type="xs:decimal"/>
<xs:element name="user_day_min_rate" type="xs:decimal"/>
<xs:element name="user_month_max_rate" type="xs:decimal"/>
<xs:element name="user_month_min_rate" type="xs:decimal"/>
<xs:element name="user_week_max_rate" type="xs:string"/>
<xs:element name="user_week_min_rate" type="xs:string"/>
<xs:element name="property_rates">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" ref="property_rate"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="property_rate">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="weekend_min_rate"/>
      <xs:element ref="weeknight_max_rate"/>
      <xs:element ref="end_date"/>
      <xs:element ref="weekend_max_rate"/>
      <xs:element ref="minimum_length"/>
      <xs:element ref="month_max_rate"/>
      <xs:element ref="month_min_rate"/>
      <xs:element ref="week_max_rate"/>
      <xs:element ref="label"/>
      <xs:element ref="start_date"/>
      <xs:element ref="turn_day"/>
      <xs:element ref="weeknight_min_rate"/>
      <xs:element ref="week_min_rate"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="weekend_min_rate" type="xs:string"/>
<xs:element name="weeknight_max_rate" type="xs:string"/>
<xs:element name="end_date" type="xs:NMTOKEN"/>
<xs:element name="weekend_max_rate" type="xs:string"/>
<xs:element name="label" type="xs:string"/>
<xs:element name="start_date" type="xs:NMTOKEN"/>
```

```xml
<!-- 0-6, 0= Sunday, the day that a stay must start/end, not used very much -->
<xs:element name="turn_day"/>
<xs:element name="weeknight_min_rate" type="xs:string"/>
<xs:element name="property_special">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="amt_off_per_night" nillable="true"/>
      <xs:element name="amt_off_per_stay" nillable="true"/>
      <!-- any monetary amount is in this currency -->
      <xs:element name="currency" type="xs:string" nillable="true"/>
      <xs:element name="description" type="xs:string"/>
      <xs:element name="title" type="xs:string"/>
      <xs:element name="free_stuff_title" nillable="true"/>
      <xs:element name="num_free_nights" nillable="true"/>
      <!-- used with num_free_nights, you have to stay out_of_num_nights to get num_free_nights -->
      <xs:element name="out_of_num_nights" nillable="true"/>
      <xs:element name="pct_off_rate" type="xs:decimal" nillable="true" />
      <!-- You can show these specials only between these dates -->
      <xs:element name="publish_start_date" type="xs:date"  />
      <xs:element name="publish_end_date" type="xs:date"  />
      <!-- THe traveler must stay between these dates -->
      <xs:element name="rental_start_date" type="xs:date"  />
      <xs:element name="rental_end_date" type="xs:date"  />
      <!-- You can use these enum's for your logic on how to display the message -->
      <xs:simpleType name="special_type_description">
        <xs:restriction base="xs:string" />
        <xs:enumeration value="value off per stay" />
        <xs:enumeration value="value off per night" />
        <xs:enumeration value="percent off rental rate" />
        <xs:enumeration value="free nights" />
        <xs:enumeration value="free stuff" />
      </xs:simpleType>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="property_themes">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="property_theme"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="property_theme">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="theme_type"/>
      <xs:element ref="theme_description"/>
    </xs:sequence>
```

```xml
      </xs:complexType>
    </xs:element>
    <xs:simpleType name="theme_type">
      <xs:restriction base="xs:string" />
      <xs:enumeration value="property"/>
      <xs:enumeration value="location"/>
    </xs:simpleType>
    <xs:simpleType name="theme_description">
      <xs:restriction base="xs:string" />
      <xs:enumeration value="Adventure"/>
      <xs:enumeration value="Budget"/>
      <xs:enumeration value="Golf"/>
      <xs:enumeration value="Historic"/>
      <xs:enumeration value="Luxury"/>
      <xs:enumeration value="Romantic"/>
      <xs:enumeration value="Roughing it"/>
      <xs:enumeration value="Wilderness"/>
      <xs:enumeration value="Ski"/>
      <xs:enumeration value="Spa"/>
      <xs:enumeration value="Other"/>
      <xs:enumeration value="Away from it all"/>
      <xs:enumeration value="Beach"/>
      <xs:enumeration value="City"/>
      <xs:enumeration value="Downtown"/>
      <xs:enumeration value="Lake"/>
      <xs:enumeration value="Mountain"/>
      <xs:enumeration value="Ocean"/>
      <xs:enumeration value="Resort"/>
      <xs:enumeration value="River"/>
      <xs:enumeration value="Rural"/>
      <xs:enumeration value="Town"/>
      <xs:enumeration value="Tropical"/>
      <xs:enumeration value="Village"/>
      <xs:enumeration value="Waterfront"/>
      <xs:enumeration value="Other"/>
    </xs:simpleType>
    <xs:element name="property_videos">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="baseurl" type="xs:string"/>
          <xs:element name="description" type="xs:string"/>
          <xs:element name="last_verified" type="xs:datetime"/>
          <xs:element name="modified" type="xs:datetime"/>
          <xs:element name="order" type="xs:integer"/>
          <xs:element name="status" type="xs:string"/>
          <xs:element name="video_source" type="xs:string"/>
          <xs:element name="video_source_id" type="xs:string"/>
          <xs:element name="video_source_updated" type="xs:datetime"/>
```

```xml
            <xs:element name="video_thumb_filename" type="xs:datetime"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <!-- review_count/review_sum gives star rating -->
    <xs:element name="review_count" type="xs:integer"/>
    <xs:element name="review_sum" type="xs:integer"/>
    <xs:element name="name" type="xs:string"/>
    <xs:element name="type" type="xs:string"/>
    <xs:element name="description" type="xs:string"/>
    <xs:element name="modified" type="xs:datetime"/>
    <xs:element name="order" type="xs:integer"/>
    <xs:element name="month_min_rate" type="xs:decimal"/>
    <xs:element name="week_max_rate" type="xs:string"/>
    <xs:element name="month_max_rate" type="xs:decimal"/>
    <xs:element name="minimum_length" type="xs:integer"/>
    <xs:element name="week_min_rate" type="xs:decimal"/>
    <xs:element name="property_calendar">
      <xs:complexType mixed="true">
        <xs:sequence>
          <xs:element minOccurs="0" maxOccurs="unbounded" ref="booked_date"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="booked_date" type="xs:date"/>
    <xs:element name="day_max_rate" type="xs:decimal"/>
    <xs:element name="day_min_rate" type="xs:decimal"/>
</xs:schema>
```