**2.3.1 Entity**

1. Contract
2. BTDrone
3. Parts
4. Supplier
5. Subscriber
6. SubscriptionSold
7. Subscription
8. Staff
9. Region
10. DrovingZone
11. Account

**2.3.2 Entity Type**

1. BTDrone
2. Account
3. Contract
4. Subscription
5. Staff
6. DrovingZone
7. Subscriber

**2.3.3 Entity Instance**

|  |  |
| --- | --- |
| **Entity** | **Occurrence** |
| Account | |  |  |  |  | | --- | --- | --- | --- | | AccountID | StreamedVideos | DroneControl | SubscriberID | | 1 | Base64:34029 | 34000,38901 | 1 | |
| Contract | |  |  |  |  |  | | --- | --- | --- | --- | --- | | ContractID | ContractName | ContractType | StaffID | RegionID | | 1 | Abc Corp. | Super Platinum | 1 | 1 | |
| BTDrone | |  |  |  |  |  | | --- | --- | --- | --- | --- | | BTDroneID | VideoStream | DataSensed | DrovingZoneID | ContractID | | 1 | Base64: AXyZyakIOO… | {temperature:45; humidity:46} | 1 | 1 | |
| Parts | |  |  |  |  | | --- | --- | --- | --- | | PartID | PartName | DroneID | SupplierID | | 1 | UAV combat Aerial cluster | 1 | 1 | |
| Supplier | |  |  | | --- | --- | | SupplierID | Name | | 1 | XYZ corp. | |
| Subscriber | |  |  |  |  | | --- | --- | --- | --- | | SubscriberID | SubscriberType | Account | DroneID | | 1 | Gold Subscriber | Videos | 1 | |
| SubscriptionSold | |  |  |  |  | | --- | --- | --- | --- | | SubSoldID | SubscriberID | SubscriptionID | DiscountOffered | | 1 | 1 | 1 | 2% | |
| Subscription | |  |  |  |  |  | | --- | --- | --- | --- | --- | | SubscriptionID | Price | SubscriptionName | StaffID | DroneID | | 1 | 23.45 | New Subscription | 1 | 1 | |
| Staff | |  |  |  | | --- | --- | --- | | StaffID | StaffName | StaffRole | | 1 | Elizabeth Wilson | Administrator Executive | |
| Region | |  |  | | --- | --- | | RegionID | RegionName | | 1 | Land | |
| DrovingZone | |  |  |  |  |  | | --- | --- | --- | --- | --- | | DrovingZoneID | Latitude | Longitude | MinAltitude | MaxAltitude | | 1 | 12.66699 | -3.555555 | 0.2555 | 0.369 | |

**2.3.4 Weak Entity**

|  |  |
| --- | --- |
| **Entity** | **Justification** |
| SubscriptionSold | SubscriptionSold is a week entity between Subscription and Subscriber |

**2.3.5 Attribute**

|  |  |  |  |
| --- | --- | --- | --- |
| **Entity** | **Attributes** | **Description** | **Domain** |
| **Staff** | StaffID | Staff’s ID | Integer(Auto Increment) |
|  | StaffName | Staff’s Name | Character String |
|  | StaffRole | Staff’s Role | Character String |
| **Contract** | ContractID | Contractor’s ID | Integer(Auto Increment) |
|  | Contract Name | Contractor’s Name | Character String |
|  | Contract Type | Contractor’s Type | Character String |
|  | StaffID | Represents Staff | Integer |
|  | RegionID | Represents Region | Integer |
| **BtDrones** | BtdroneID | BtDrone’s ID | Integer(Auto Increment) |
|  | VideoStream | Video captured by Drone stored in binary format | Blob |
|  | DataSense | Drone’s sensed data | Character String |
|  | DrovingZoneID | Represents DrovingZone | Integer |
|  | ContractID | Represents Contract | Integer |
| **Region** | RegionID | Region’s ID | Integer(Auto Increment) |
|  | Region Name | Region’s Name | Character String |
| **Subscriber** | SubscriberID | Subscriber’s ID | Integer(Auto Increment) |
|  | SubscriberType | Subscriber’s Type | Character String |
|  | DroneID | Represents Drone entity | Integer |
| **Account** | AccountID | Account’s Id | Integer(Auto Increment) |
|  | StreamedVideos | Live Streamed Video | Blob |
|  | Drone Control | Movement of Drone | Character String |
|  | SubscriberID | Represents Subscriber | Integer |
| **Part** | PartID | Part’s ID | Integer(Auto Increment) |
|  | PartName | Part’s Name | Character String |
|  | DroneID | Represents Drone | Integer |
|  | SupplierID | Represents Supplier | Integer |
| **DrovingZone** | DrovingZoneID | DrovingZone’s ID | Integer(Auto Increment) |
|  | Longitude | DrovingZone’s Longitude | Double |
|  | Latitude | DrovingZone’s Latitude | Double |
|  | MinAltitude | DrovingZone’s Minimum Altitude | Double |
|  | MaxAltitude | DrovingZone’s Maximum Altitude | Double |
| **SubscriptionSold** | SubSoldID | SubscriptionSold’s ID | Integer(Auto Increment) |
|  | Discount Offered | Represent the discount offered by salesperson | Double |
|  | SubscriberID | Represents Subscriber | Integer |
|  | SubscriptionID | Represents Subscription | Integer |
| **Subscription** | SubscriptionID | Subscription’s ID | Integer(Auto Increment) |
|  | Price | Subscription’s Price | Double |
|  | StaffID | Represents the staff | Integer |
|  | DroneID | Represents the Drone | Integer |

**2.3.6 Keys**

|  |  |  |
| --- | --- | --- |
| **Entity** | **Attribute** | **Key** |
| Staff | StaffID | Primary Key |
|  |  |  |
| Contract | ContractID | Primary Key |
|  | StaffID | Foreign Key |
|  | RegionID | Foreign Key |
|  |  |  |
| BtDrones | BtdroneID | Primary Key |
|  | DrovingZoneID | Foreign Key |
|  | ContractID | Foreign Key |
|  |  |  |
| Region | RegionID | Primary Key |
|  |  |  |
| Subscriber | SubscriberID | Primary Key |
|  | DroneID | Foreign Key |
|  |  |  |
| Part | PartID | Primary Key |
|  | DroneID | Foreign Key |
|  | SupplierID | Foreign Key |
|  |  |  |
| DrovingZone | DrovingZoneID | Primary Key |
|  |  |  |
| SubscriptionSold | SubSoldID | Primary Key |
|  | SubscriberID | Foreign Key |
|  | SubscriptionID | Foreign Key |
|  |  |  |
| Subscription | SubscriptionID | Primary Key |
|  | StaffID | Foreign Key |
|  | DroneID | Foreign Key |
|  |  |  |
| Account | AccountID | Primary Key |
|  | SubscriberID | Foreign Key |

**2.3.7 Relationship**

|  |  |  |
| --- | --- | --- |
| Entity Name | Relationship | Entity Name |
| Contract | Has | BTDrone |
|  | Has | Region |
|  |  |  |
| BtDrone | Has | Part |
|  | Has | Contract |
|  | Bounded To | DrovingZone |
|  | Controls | Subscriber |
|  |  |  |
| Subscriber | Controls | BTDrone |
|  | purchased | SubscriptionSold |
|  |  |  |
| SubscriptionSold | Sold | Subscription |
|  | Purchased | Subscriber |
|  |  |  |
| Subscription | Manages | Staff |
|  | Sold | SubscriptionSold |
|  |  |  |
| DrovingZone | Bounded To | BTDrone |
|  |  |  |
| Region | Has | Contracts |
|  |  |  |
| Supplier | Delivered By | Parts |
|  |  |  |
| Part | Has | BTDrone |
|  | Delivered By | Supplier |
|  |  |  |
| Staff | Manages | Contract |
|  | Manages | Subscription |
|  |  |  |

**2.3.8 Optionality**

|  |  |  |  |
| --- | --- | --- | --- |
| Entity Name | Participation | Participation | Entity Name |
| Contract | Mandatory | Mandatory | BTDrone |
|  | Optional | Mandatory | Region |
|  |  |  |  |
| BtDrone | Mandatory | Mandatory | Part |
|  | Mandatory | Optional | Contract |
|  | Mandatory | Mandatory | DrovingZone |
|  | Optional | Optional | Subscriber |
|  |  |  |  |
| Subscriber | Optional | Optional | BTDrone |
|  | Mandatory | Mandatory | SubscriptionSold |
|  | Optional | Mandatory | Account |
|  |  |  |  |
| SubscriptionSold | Mandatory | Mandatory | Subscription |
|  | Mandatory | Mandatory | Subscriber |
|  |  |  |  |
| Subscription | Mandatory | Mandatory | Staff |
|  | Optional | Optional | SubscriptionSold |
|  |  |  |  |
| DrovingZone | Mandatory | Mandatory | BTDrone |
|  |  |  |  |
| Region | Mandatory | Mandatory | Contracts |
|  |  |  |  |
| Supplier | Mandatory | Mandatory | Parts |
|  |  |  |  |
| Part | Mandatory | Mandatory | BTDrone |
|  | Mandatory | Mandatory | Supplier |
|  |  |  |  |
| Staff | Mandatory | Mandatory | Contract |
|  | Mandatory | Mandatory | Subscription |
|  |  |  |  |
| Account | Mandatory | Optional | Subscriber |

**2.3.8 Cardinality**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Entity Name | Cardinality | Relationship | Cardinality | Entity Name |
| Contract | 1 | Has | M | BTDrone |
|  | 1 | Has | 1 | Region |
|  |  |  |  |  |
| BtDrone | 1 | Has | M | Part |
|  | M | Has | 1 | Contract |
|  | 1 | Bounded To | 1 | DrovingZone |
|  | M | Controls | 1 | Subscriber |
|  |  |  |  |  |
| Subscriber | 1 | Controls | M | BTDrone |
|  | 1 | purchased | 1 | SubscriptionSold |
|  | 1 | Has | 1 | Account |
|  |  |  |  |  |
| SubscriptionSold | 1 | Sold | 1 | Subscription |
|  | 1 | Purchased | 1 | Subscriber |
|  |  |  |  |  |
| Subscription | M | Manages | 1 | Staff |
|  | M | Sold | 1 | SubscriptionSold |
|  |  |  |  |  |
| DrovingZone | 1 | Bounded To | 1 | BTDrone |
|  |  |  |  |  |
| Region | 1 | Has | M | Contracts |
|  |  |  |  |  |
| Supplier | 1 | Delivered By | M | Parts |
|  |  |  |  |  |
| Part | M | Has | 1 | BTDrone |
|  | M | Delivered By | 1 | Supplier |
|  |  |  |  |  |
| Staff | 1 | Manages | M | Contract |
|  | 1 | Manages | M | Subscription |
|  |  |  |  |  |
| Account | 1 | Has | 1 | Subscriber |

**Diagram:**

****

**Rationale:**

BeingThere Entity Relationship Model diagram provides a comprehensive description of how BeingThere drone data processed through there multiple contractors and subscribers who are subscribed to BTDrones Video Streaming services and can control the BTDrones once they acquired the subscription from BTDrones Ecommerce website or their salesperson.

For every BTDrone there is a contract placed to obtain the BTDrone. A BTDrone can be deployed to a region which is requested by a contract person. If any region overlapped with another already configured drone at the same region so BTdrone will be re configured to another region.

BTDrone is bounded with a droving zone which itself is bounded with a region. A droving zone can be as small as 100 cubic meters. Droving zone can be specified in longitude, latitude, minimum altitude, and maximum altitude.

Subscribers are the one who purchased video stream of BTDrone through salesperson or ecommerce medium. Subscriber can be classified as multiple types. Only certain type of subscriber can control the BTDrone.

Being there regulated there staff with certain permission. Only an Administrator role has a permission to enter contractor details. An Administrator can also change the price of subscription.

**Document Entities:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Entity Name** | **Description** | **Aliases** | **Occurrences** |
| **Contract** | Contractor deploys Drone to its selected region | Customer | Person who obtained contract can deploy Drone to its selected region until or unless its regions doesn’t overlap |
| **BTDrone** | Drone | Product | Drone droves in a droving zone.  Drone shares it’s control with subscriber  Parts assembled in drone  Drone deployed over contract’s region |
| **Parts** | Parts are used to assemble the drone |  | A drone can be assembled through parts |
| **Supplier** | Parts are supplied by the supplier |  | Parts which needs to assemble drone are supplied by supplier |
| **Subscriber** | Subscriber purchases subscription of BTDrone |  | Subscriber can control the BTDrone.  Subscriber can view the live videos stream |
| **SubscriptionSold** | SubscriptionSold is a week entity to keep the track of subscriptions purchased by subscriber. |  | Holds the record of which subscriptions sold against which subscriber. |
| **Subscription** | Drone streams live videos which can be offered through the subscription |  | Subscriptions prices can be maintained by staff with administrator role.  Subscriptions are offered to sale by BeingThere |
| **Staff** | Staff employed by Being There. |  | Staff of BeingThere has multiple roles. Only administrator executive has the privilege to change the price of subscription |
| **Region** | Regions are the points where Contract persons deploy there drones |  | Contract persons deploy there drone to the selected region. If or only region doesn’t overlap. |
| **DrovingZone** | A drovingzone is where drone droves. |  | Drone droves in a droving zone. |
| **Account** | Subscriber’s Account | User Area | Subscriber account from where he/she can watch live streamed videos |

**Document Relationships:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Entity Name | Participation | Cardinality | Relationship | Cardinality | Participation | Entity Name |
| Contract | Mandatory | 1 | Has | M | Mandatory | BTDrone |
|  | Optional | 1 | Has | 1 | Mandatory | Region |
|  |  |  |  |  |  |  |
| BtDrone | Mandatory | 1 | Has | M | Mandatory | Part |
|  | Mandatory | M | Has | 1 | Optional | Contract |
|  | Mandatory | 1 | Bounded To | 1 | Mandatory | DrovingZone |
|  | Optional | M | Controls | 1 | Optional | Subscriber |
|  |  |  |  |  |  |  |
| Subscriber | Optional | 1 | Controls | M | Optional | BTDrone |
|  | Mandatory | 1 | purchased | 1 | Mandatory | SubscriptionSold |
|  | Optional | 1 | Has | 1 | Mandatory | Account |
|  |  |  |  |  |  |  |
| SubscriptionSold | Mandatory | 1 | Sold | 1 | Mandatory | Subscription |
|  | Mandatory | 1 | Purchased | 1 | Mandatory | Subscriber |
|  |  |  |  |  |  |  |
| Subscription | Mandatory | M | Manages | 1 | Mandatory | Staff |
|  | Optional | M | Sold | 1 | Optional | SubscriptionSold |
|  |  |  |  |  |  |  |
| DrovingZone | Mandatory | 1 | Bounded To | 1 | Mandatory | BTDrone |
|  |  |  |  |  |  |  |
| Region | Mandatory | 1 | Has | M | Mandatory | Contracts |
|  |  |  |  |  |  |  |
| Supplier | Mandatory | 1 | Delivered By | M | Mandatory | Parts |
|  |  |  |  |  |  |  |
| Part | Mandatory | M | Has | 1 | Mandatory | BTDrone |
|  | Mandatory | M | Delivered By | 1 | Mandatory | Supplier |
|  |  |  |  |  |  |  |
| Staff | Mandatory | 1 | Manages | M | Mandatory | Contract |
|  | Mandatory | 1 | Manages | M | Mandatory | Subscription |
|  |  |  |  |  |  |  |
| Account | Mandatory | 1 | Has | 1 | Mandatory | Subscriber |

**Document Attributes:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Contract | ContractID | Contract’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Contract Name | Contractor Name | Character String | No | No | No | -- |
|  | Contract Type | Contractor Type | Character String | No | No | No | -- |
|  | StaffID | Represents Staff | Integer | No | NO | FOREIGN KEY | -- |
|  | RegionID | Represents Region | Integer | No | No | FOREIGN KEY | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| BtDrones | BtdroneID | BtDrone’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | VideoStream | Video Captured by Drone | Blob | No | No | No | -- |
|  | DataSensed | Data Sensed by Drone | Character String | No | No | NO | -- |
|  | DrovingZoneID | Represents DrovingZone | Integer | No | NO | FOREIGN KEY | -- |
|  | ContractID | Represents Contract | Integer | No | No | FOREIGN KEY | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Region | RegionID | Region’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Region Name | Region’s Name | Character String | No | No | No | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Subscriber | SubscriberID | Subscriber’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | SubscriberType | Subscriber’s Type | Character String | No | No | No | -- |
|  | DroneID | Represents Drone | Integer | No | No | No | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Part | PartID | Part’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | PartName | Part’s Name | Character String | No | No | No | -- |
|  | DroneID | Represent Drone | Integer | No | No | FOREIGN KEY | -- |
|  | SupplierID | Represent Supplier | Integer | No | No | FOREIGN KEY | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Supplier | SupplierID | Supplier’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Supplier Name | Supplier’s Name | Character String | No | No | No | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| DrovingZone | DrovingZoneID | DrovingZone’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Longitude | Longitude | Double | No | No | No | -- |
|  | Latitude | Latitude | Double | No | No | No | -- |
|  | MinAltitude | Minimum Altitude | Double | No | No | No | -- |
|  | MaxAltitude | Maximum Altitude | Double | No | No | No | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| SubscriptionSold | SubSoldID | SubscriptionSold’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Discount Offered | Discount offered by Salesman | Double | No | Yes | No | -- |
|  | SubscriberID | Represents Subscriber | Integer | No | No | FOREIGN KEY | -- |
|  | SubscriptionID | Represents Subscription | Integer | No | No | FOREIGN KEY | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Subscription | SubscriptionID | Subscription’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Price | Subscription’s Price | Double | No | No | No | -- |
|  | StaffID | Represents Staff | Integer | No | No | FOREIGN KEY | -- |
|  | DroneID | Represents Drone | Integer | No | No | FOREIGN KEY | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Staff | StaffID | Staff’s ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | StaffName | Staff’s Name | Character String | No | No | No | -- |
|  | StaffRole | Staff’s Role | Character String | No | No | No | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entity | Attributes | Description | Domain | Derived | Nulls | Key? | Default Value |
| Account | AccountID | Subscriber Account ID | Integer(Auto Number) | No | No | PRIMARY KEY | -- |
|  | Streamed Videos | Streamed Videos | Blob | No | No | No | -- |
|  | Drone Control | Control of Drone | Character String | No | No | No | -- |
|  | SubscriberID | Represents Subscriber | Integer | No | No | Foreign Key |  |

**Rationale:**

**BTDrone**

BtDrone processed data and store it. BTDrone can be configured by contractor to multiple regions If only region doesn’t overlap. BTDrone stream videos and can be subscribed by subscriber through BeingThere’s salesperson or Ecommerce website. Only certain subscriber are allowed to control the movement of BTDrones.

**Contract**

A contractor is the one who purchases a contract for the deployment of BTDrone. A contract can deploys BTDrone at region IF there is any overlapping in region then BTDrone may be allocated to more than one contract.

**Subscription**

Subscription can be attained to entertained subscribers with videos and control of drone. Only certain type of subscriber can control the drone.

**SubscriptionSold**

SubscriptionSold is a bridge table between Subscription and Subscriber as many subscriber can purchase multiple subscription and multiple subscription can be sold many subscribers. So, SubscriptionSold is used to maintain the track between Which subscriber purchases which subscription.

**Subscriber**

Subscribers are paid member of BeingThere. Subscriber can avail subscription to access videos and only certain type of subscribers are allowed to access the control of Drone.

**Region**

A region can be anything where a BTDrone be deployed by the Contractor. Region is an important prospect for BTdrone deployment. For contracts that have overlapping regions a BTDrone may be allocated to more than one contract.

**Part**

Parts are provided to BTDrone. Many parts can be used on BTDrones. Parts are supplied through BeingThere’s supplier.

**Staff**

Being there has multiple employees with different of roles. Only an administrator role can update the subscription price and fill the information of contracts.

**DrovingZone**

DrovingZone is the most important for BTDrone configuration. A drovingzone is used to deploy BTDrone on bounding region with some restrictions.

**Supplier**

Supplier supplies parts to BeingThere. Supplier entity keeps the record of Supplier who are supplying parts.

**Assumptions:**

* Subscriptionsold is used for a bridge table between Subscriber and Subscription to discontinue Many to Many relationship
* Region entity is used to determine contractor’s region. As an overlapping region A new drone is allocated for contractor.
* DrovingZone is used to determine the drone’s control.
* **Role** of staff determines the permissions available for staff.
* Only the administrator role have privileges to enter contract details.
* ContractType is used to determine the contractor privileges.
* Only super platinum contractors can access the data captured by Drone
* SubcriptionSold maintains the record of subscription purchased by subscriber
* Salesperson can offer discount which will be stored in SubscriptionSold to keep track of which subscriptions had discount offered.
* Subscriber can watch the videos and control the drone movement once they subscribed to subscription.
* Subscriptions are offered to sale by salesperson or ecommerce.
* Subscription prices can be maintained by staff having administrator role

**Summary and Conclusions:**

Beingthere is a not for profit organization that provides remote data sensing through there much acclaimed product BTDrone. BeingThere offers subscription to attain the high quality live stream videos captured through there drone. Subscriber can avail the subscription from BeingThere’s ecommerce or salespeople. Subscribers can control the movement of BeingThere’s Drone once they acquired the subscriptions.

BeingThere’s drone shares the data with only certain type of contractors. Contractors having the Super Platinum type can access the data of Drone. Contractor’s details can only be entered by the staff having administrator’s privilege. BeingThere staff can have multiple roles but only role having Administrator Executive can enter the details of contracts. Or can change the price of subscriptions.

BeingThere have a transparent policy for the subscription. The subscription offered by BeingThere can be purchased through BeingThere’s ecommerce website and can be sold by BeingThere’s salesperson. A salesperson can offer the discount of BeingThere’s drone. Which needs to be recorded.

BeingThere’s Drone are configured by the Contractors to a specific region. Regions can be anywhere in the world on land that a BTDrone can move within. If and only contracts having an overlapped regions then BeingThere Drones will be allocated more than once for the same contractor.

BeingThere’s Drone moves onto a droving zone. A droving zone is bounded to region. The droving zone can be specified in terms of four latitude, longitude, minimum altitude, and maximum altitude boundaries. And it can be small as 100 cubic meters.