**Data Dictionary**

**Narrative:** This section represents the definitions for each attribute that is displayed on the provided database Diagram. The name, definition, type, and size of each attribute in each table is displayed, alongside a total size of each record at the bottom of the table.

**User**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| UserID | A number representing a unique number to represent the user in the system | CHARACTER | 12 |
| UserType | A descriptor of what type the user is, Volunteer, Donor, Board | CHARACTER | 17 |
| UserName | The User’s Name | CHARACTER | 22 |
| UserPhone | The User’s phone number | CHARACTER | 16 |
| UserAddress | The User’s address | CHARACTER | 27 |
| UserCity | The user’s city | CHARACTER | 17 |
| UserState | The user’s state | CHARACTER | 5 |
| UserZIP | The user’s zip code | CHARACTER | 11 |
| UserEmail | The user’s email address | CHARACTER | 27 |

Total Size 154 Bytes

**Donated Item**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| ItemID | A unique number than is used to identify individual items | CHARACTER | 12 |
| DonorID | A number that refers to the user who donated the item | CHARACTER | 12 |
| AuctionID | A number referring to the event ID of the auction the item will be sold at. | CHARACTER | 12 |
| ItemDescription | A brief description to give a name to the item for listing purposes. | CHARACTER | 37 |
| ItemValue | The value of the Donated item in US dollars. | MONEY | 8 |

Total Size 81 Bytes

**Auction Event**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| EventID | A unique number to identify the auction event. | CHAR | 12 |
| EventDate | The date the event will be held. The field is optional so that events may be registered without a definite date | Date | 3 |
| EventDescription | A brief description to give a title to the event. | CHAR | 37 |
| EventLocation | Also optional, the location the event will be held. | CHAR | 37 |

Total Size 89 Bytes

**GrantOrganizations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| OrganizationID | A number to uniquely identify each organization HOOF has applied to a grant from | CHARACTER | 12 |
| OrganizationName | The name of the organization giving the grant | CHARACTER | 22 |
| ContactName | The contact at the organization | CHARACTER | 22 |
| ContactPhone | The contact’s phone number | CHARACTER | 16 |
| ContactEmail | The contact’s email | CHARACTER | 27 |

Total Size 99 Bytes

**Grant**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| GrantID | A system generated number to identify each grant uniquely | CHARACTER | 12 |
| GrantName | The title of the given grant | CHARACTER | 23 |
| BoardID | The ID of the board member who has approved the application for this grant | CHARACTER | 12 |
| GrantAmount | The amount that the grant is for | MONEY | 8 |
| OrganizationID | The ID of the organization giving the grant. | CHARACTER | 12 |
| ApplicationDate | The date that the grant was applied for | Date | 3 |

Total Size 70 Bytes

**Board Member : Specialization of User**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| BoardID | The Board member’s user ID | CHARACTER | 12 |
| BoardPosition | The position that the member holds on the board | CHARACTER | 22 |

Total Size 34 Bytes

**Volunteer : Specialization of User**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| VolunteerID | The volunteer’s user ID | CHARACTER | 12 |
| VolunteerPermissions | The level of permissions that the volunteer might hold, for information access | CHARACTER | 15 |

Total Size 27 Bytes

**Donation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| ReceiptID | A receipt number to identify the donation | CHARACTER | 12 |
| DonorID | The user ID of the person who made the donation | CHARACTER | 12 |
| Amount | The amount of the donation | MONEY | 8 |
| Date | The date of the donation | Date | 3 |

Total Size 35 Bytes

**CampEvent**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| CampID | A number identifying the camp event uniquely | CHARACTER | 12 |
| CampTitle | The name given to the camp | CHARACTER | 22 |
| CampStartDate | The date that the camp will start | Date | 3 |
| CampEndDate | The date that the camp will end | Date | 3 |

Total Size 40 Bytes

**WorkEntry**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| LogID | A system generated number to identify the work log line entry. | CHARACTER | 12 |
| VolunteerID | The ID of the volunteer for the work log | CHARACTER | 12 |
| EventID | Optional, the camp event the hours were worked at, if one exists | CHARACTER | 12 |
| StartTime | The time the volunteer began their shift | Time | 3 |
| EndTime | The time the volunteer ended their shift | Time | 3 |

Total Size 45 Bytes

**EventRegistration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| CamperID | The ID of the camper who the registration stands for | CHARACTER | 12 |
| CampID | The ID of the camp event the registration is for | CHARACTER | 12 |
| AssignerID | The ID of the board member or volunteer who assigned the child to the camp even | CHARACTER | 12 |

Total Size 36 Bytes

**Camper**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| CamperID | A number to identify the camper in the system | CHARACTER | 12 |
| CamperName | The camper’s Name | CHARACTER | 22 |
| CamperAddress | The camper’s address | CHARACTER | 27 |
| CamperCity | The camper’s city | CHARACTER | 17 |
| CamperState | The camper’s state | CHARACTER | 5 |
| CamperZIP | The camper’s zip code | CHARACTER | 11 |

Total Size: 94 Bytes

**CorporateDonors**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| CorporateID | A number identifying the organization that donated to HOOF | CHARACTER | 12 |
| CorporateName | The name of the organization donating to HOOF | CHARACTER | 22 |
| RepName | The representative at the organization | CHARACTER | 22 |
| RepPhone | The representative’s phone number | CHARACTER | 16 |
| RepEmail | The representative’s email | CHARACTER | 27 |

Total Size 99 Bytes

**CorporateDonation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Definition** | **Type** | **Size (bytes)** |
| ReceiptID | A receipt number to identify the donation | CHARACTER | 12 |
| CorporationID | The ID of the organization that donated | CHARACTER | 12 |
| Amount | The amount of the donation | MONEY | 8 |
| Date | The date of the donation | Date | 3 |

Total Size 35 Bytes