**Data Dictionaries**

**Contributor’s Page:**

Contributor Group = 1{Contributor}N

Contributor = Full Name + Email + Organization + Zones + (Last Login) + Member Since + Member Type + Entries Entered

Full Name = First Name + Last Name + (Middle Name)  
First Name = \*String of Characters\*  
Middle Name = \*String of Characters\*  
Last Name = \*String of Characters\*  
  
Email = \*Member’s contact email address: String of Characters containing @ symbol\*  
Organization = \*Organization Member belongs to: String of Characters\*  
Zone = \*Ward Member belongs to: String of Characters\*  
Last Login = \*(Last Date Member logged in: Date Format)\*  
Member Since = \*Member’s Signup date: Date Format\*  
Member Type = \*Member’s Account type: String of Characters, One of Admin, User, Owner, Pending\*  
Entries Entered = \*Total number of entries input by member: Integer\*

**Organization’s Page:**

Organization = Name + (Email Address) + (Physical Address)  
Name = \*String of Characters\*  
Email Address = \*(Organization’s Email address: String of Characters)\*  
Physical Address == \*(Organization’s Physical Address String of Characters)\*

**Message Page:**  
Inbox = 0{Messages}N  
Messages = Message Text + (Read) + Receiver Name + Sender Name + Time Sent  
Message Text = \*String of Characters\*  
Read = \*Represents if the message has been read: Boolean\*  
Receiver Name = \*Person Message is addressed to: String of Characters\*  
Sender Name = \*Person who sent the message: String of Characters\*  
Time Sent = \*Date when the message was sent: Date Format\*