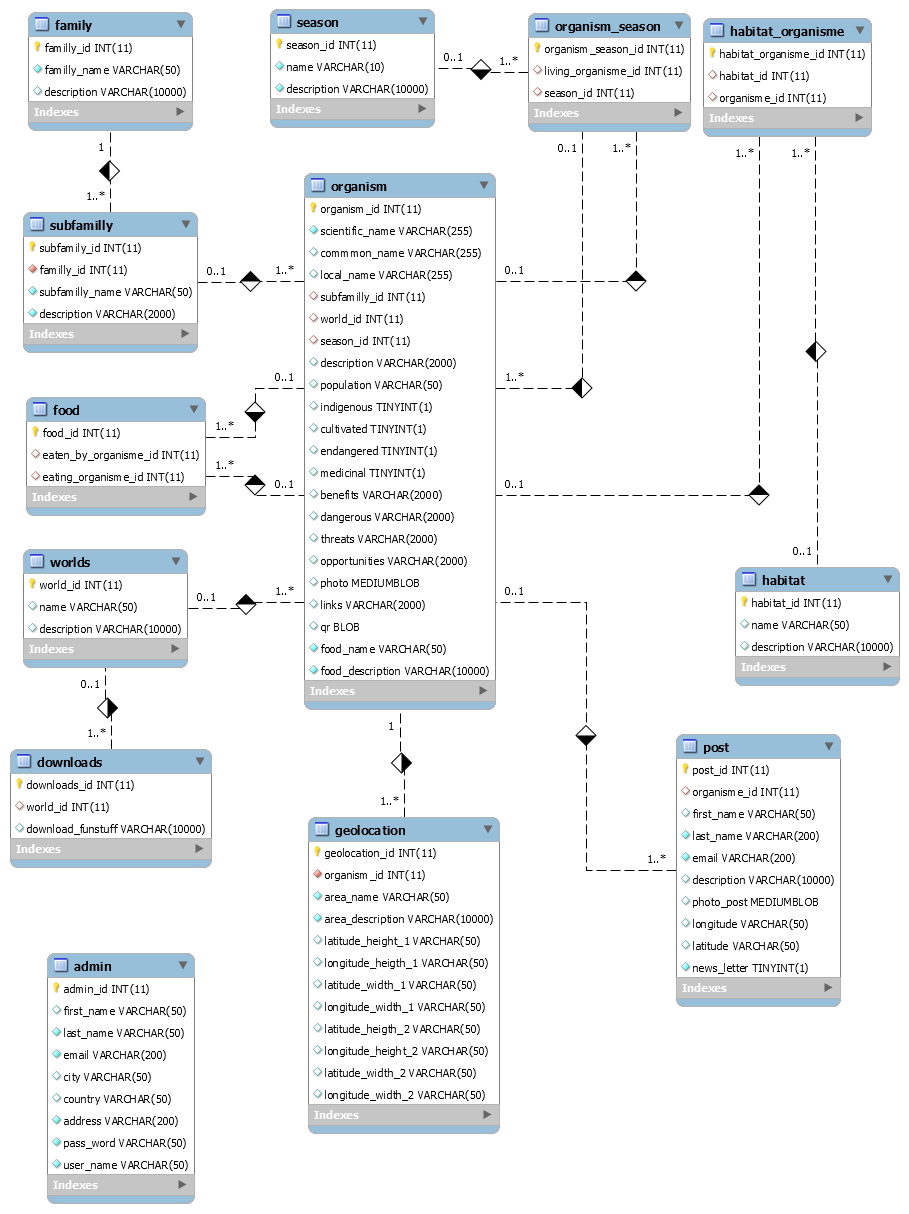
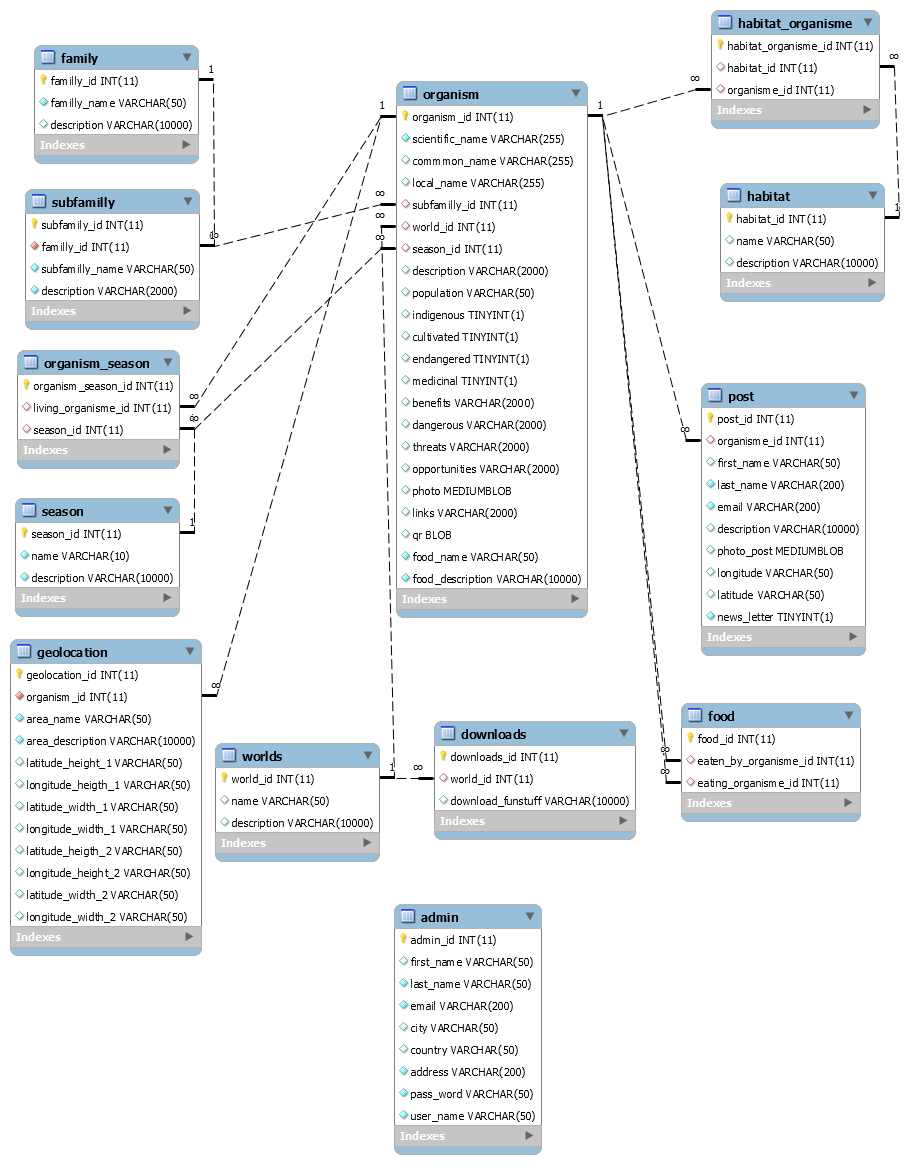
Description of the database

This is the description of the English database, the Arabic database will be an exact copy with a different connection string. The connection string will change as the language is changed.

Relations ordered by links



|  |  |
| --- | --- |
|  | * Primary key * Latin name * Most used name * Local can different then common * Subfamily inherits from family to create a many to one relation * World is one part of the exhibition * Season from sub table season\_organisme for to create a many to many relation * Description * Population hard coded varchar ex. <1200 animals alive * Indigenous to Oman or not * Cultivated in agriculture * Endangered Boolean * Medicinal Boolean * Benefits description of possible benefits * Dangerous description of possible dangers * Threats what threatens a certain of an organism * Opportunities future possible use of an organism * Photo max 15MB * Links to external webpages ex. Wikipedia * QR code that is added to each exhibition piece * Food of an organism that is not in de database * Description of the not stored food |

|  |  |
| --- | --- |
|  | * Primary key * Eaten\_by\_organism the organism that gets eaten * Eating the organism that eats the organism Eaten |

|  |  |
| --- | --- |
|  | * Habitat is Grassland, Desert, Mountains, Ocean, Shallow ocean.   This order should be respected in the Arabic version to uphold consistency   * The relation is made to get 1 to create a many to one relation * An organism can live in more than 1 habitat |

|  |  |
| --- | --- |
|  | * Season spring, summer, fall, winter. The table is created to easily insert the Arabic version. * The relation is made to get 1 to create a many to one relation * An organism can live or be harvest in more than 1 season |

|  |  |
| --- | --- |
|  | * Family ex. mammals, reptiles, birds, etc. * Sub family ex. Camels would be long to mammals, pelicans would be long to birds, etc. * An organism can only have 1 family but a family can have more than 1 subfamily |

|  |  |
| --- | --- |
|  | * World parts of the exhibition   The marine world  The plant world  The animal world  The microbial world   * The table is created to easily insert the Arabic version. |

|  |  |
| --- | --- |
|  | * Post table keeps record send to the administer from spotting’s of an organism or comments. These are collected to in order to send an newsletter and create an interactive map of the spottings. * Longitude to make the interactive map * Latitude to make the interactive map * News\_letter Boolean want to receive or not |

|  |  |
| --- | --- |
|  | * Geolocation table keeps record to make the interactive map to show where an animal lives * Foreign key to 1 organism * Area name * Area description of this area * More points to make the area |

|  |  |
| --- | --- |
|  | * Admin can perform crud action on the database, basic records are stored. * Login is required therefore password, username. |

|  |  |
| --- | --- |
|  | * Downloads to games, colorings, etc. per world * Foreign key to worlds * Download\_funstuff are the links separated by a “,” |