

Field Definition grid for Attributes of Entity ‘UserTable’

Entity name: UserTable

Synonyms:

Description

Relationship Link Phrases

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
UserID	Primary key		Integer		Any	No		PK
Username			Varchar	32	Any	No	Cannot include spaces	
Email			Varchar	64	Any	No	Must follow email formatting	
Pword			Varchar	64	Any	No		

### Field Definition grid for Attributes of Entity ‘TrailTable’

**Entity name:** TrailTable

Description

**Synonyms:** None

Relationship Link Phrases: TagTrail

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>TrailID</u>	Primary Key		Integer		Any	No		PK
NameVal			Varchar	60	Any	No		
Difficulty			Varchar	10	“Easy”, “Moderate”, “Hard”	No	Must be “Easy”, “Moderate” or “Hard”	
Rating			Float	2	0.0 to 5.0	Yes		
LengthVal			Float		Any	Yes		
ElevationGain			Integer		Any	Yes		
RouteType			Varchar	13	“Loop” or “Out and Back”	No	Must be “Loop” or “Out and Back”	
DescriptionVal			Varchar		Any	Yes		
EstimatedTime			Time		Any	Yes		
*LocationID	Foreign from Location		Integer		Any	No		FK
*UserID	Foreign from User		Integer		Any	No		FK

Field Definition grid for Attributes of Entity ‘TagTrailTable’

Entity name: TagTrailTable

Synonyms: None

Description

Relationship Link Phrases

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>TrailID</u>	Foreign from Trail		Integer		Any	No		PK
<u>TagID</u>	Foreign from Tag		Integer		Any	No		PK

Field Definition grid for Attributes of Entity ‘TagTable’

Entity name: TagTable

Synonyms: None

Description

Relationship Link Phrases: TagTrail

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>TagID</u>	Primary Key		Integer		Any	No		PK
TagName			Varchar	20	Any	No		

Field Definition grid for Attributes of Entity ‘LocationTable’

Entity name: LocationTable Description  
Synonyms: None Relationship Link Phrases:

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>LocationID</u>	Primary Key		Integer			No		PK
Country			Varchar	60		No	Must use Title Case	
Region			Varchar	60		No	Must use Title Case	
Area			Varchar	60		No	Must use Title Case	

Field Definition grid for Attributes of Entity ‘TrailPointTable’

Entity name: TrailPointTable      Description  
Synonyms:                      Relationship Link Phrases

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>TPointID</u>	Primary Key		Integer		Any	No		PK
TPointLat	Longitude		Float	8	-90.000000 to 90.000000	No		
TPointLong	Latitude		Float	9	-180.000000 to 180.000000	No		
TrailID	Foreign from Trail		Integer		Any	No		FK

Field Definition grid for Attributes of Entity ‘LogTable’

Entity name: LogTable

Synonyms:

Description

Relationship Link Phrases

Attribute name	Description	Synonym(s)	Data type	Size (*= <b>max</b> )	Possible data values	Optional ?	Validation rules	Key ?
<u>TrailID</u>	Foreign key from TrailTable		Integer		Any	No		PK
<u>UserID</u>	Foreign key from UserTable		Integer		Any	No		PK
Timestmp			Date+Time		Any	No		