Event

|  |  |
| --- | --- |
| Attribute | Data Type |
| EventID (PK) | Int <U> <A> |
| EventName | VarChar(50) |
| Description | VarChar(1000) <N> |
| GPS co-ordinates | VarChar(20) |
| Time | Time <N> |
| Date | Date <N> |

Attending

|  |  |
| --- | --- |
| Attribute | Data Type |
| EventID (FK) | Int <U> <A> |
| UserID (FK) | Int <U> <A> |

m

Pending Group Request

|  |  |
| --- | --- |
| Attribute | Data Type |
| GroupID (FK) | Int <U> <A> |
| Accepting User | Int |
| Request User | Int |

MemberOf

|  |  |
| --- | --- |
| Attribute | Data Type |
| UserID (FK) | Int <U> <A> |
| GroupID (FK) | Int <U> <A> |

1

m

m

m

n

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n

n

n

Group

|  |  |
| --- | --- |
| Attribute | Data Type |
| GroupID (PK) | Int <U> <A> |
| GroupName | VarChar(100) |

FriendOf

|  |  |
| --- | --- |
| Attribute | Data Type |
| FriendID (PK) | Int <U> <A> |
| UserID (FK) | Int <U> <A> |

Pending Friend Request

|  |  |
| --- | --- |
| Attribute | Data Type |
| Accepting User | Int |
| Request User | Int |

User

|  |  |
| --- | --- |
| Attribute | Data Type |
| UserID | Int <U> <A> |
| Username | VarChar(20) |
| Password | VarChar(15) |
| Forename | VarChar(30) |
| Surname | VarChar(30) |
| E-mail | VarChar(50) |