**MeTube Entities and its Attributes**

Entity 1: **USER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **u\_id** INT | **fname** Varchar[40] | **lname** VC[40] | **pwd** VC[8] | **uname** VC[10] | **Gender** CHAR[1] |

Entity 2: **BLOCK**

|  |  |
| --- | --- |
| **u\_id1** | **u\_id2** |

Entity 3: **FRIEND**

|  |  |
| --- | --- |
| **u\_id1** | **u\_id2** |

Entity 4: **CONTACT**

|  |  |  |
| --- | --- | --- |
| **u\_id1** | **u\_id2** | **type** CHAR[10] |

Entity 5: **MESSAGE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **msg\_id** INT | **message** VC[600] | **date** DATETIME | **u\_id1** | **u\_id2** |

Entity 6: **GROUP**

|  |  |  |  |
| --- | --- | --- | --- |
| **g\_id** INT | **g\_name** VC[50] | **date** DATETIME | **u\_id** INT |

Entity 7: **GroupUsers**

|  |  |
| --- | --- |
| **g\_id** INT | **u\_id** INT |

Entity 8: **TOPIC**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **t\_id** INT | **t\_title** VC[45] | **date** DATETIME | **u\_id** INT | **g\_id** INT |

Entity 9: **TopicComment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **t\_id** INT | **t\_comment** VC[5000] | **date** DATETIME | **u\_id** INT | **t\_id** INT |

Entity 10: **MEDIA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **m\_id** INT | **m\_title** VC[100] | **description** VC[500] | **category** INT | **extension** VC[15] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **type** INT | **share\_type** INT | **download\_type** INT | **allow\_discussion** INT | **allow\_rating** INT |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **view\_count** INT | **date** DATETIME | **filename** VC[50] | **path** VC[250] | **u\_id** INT |

Entity 11: **PLAYLIST**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **p\_id** INT | **p\_name** VC[45] | **u\_id** INT | **m\_id** INT | **count** INT |

Entity 12: **FavoriteList**

|  |  |
| --- | --- |
| **m\_id** INT | **u\_id** INT |

Entity 13: **CHANNEL**

|  |  |  |  |
| --- | --- | --- | --- |
| **c\_id** INT | **c\_name** VC[45] | **u\_id** INT | **m\_id** INT |

Entity 14: **MediaComment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **mc\_id** INT | **mc\_comment** VC[5000] | **date** DATETIME | **m\_id** INT | **u\_id** INT |

Entity 15: **MediaRating**

|  |  |  |
| --- | --- | --- |
| **rating** FLOAT | **m\_id** INT | **u\_id** INT |

Entity 16: **MediaBlockView**

|  |  |
| --- | --- |
| **m\_id** INT | **u\_id** INT |

Entity 17: **MediaBlockDownload**

|  |  |
| --- | --- |
| **m\_id** INT | **u\_id** INT |