**Database Design – User**

**Common Data Fields:**

|  |  |  |
| --- | --- | --- |
| *Field name* | *Type* | *Description* |
| id | String | The user’s unique ID |
| first\_name | String | The user’s first name |
| last\_name | String | The user’s last name |
| email | String | The user’s email (should be the same as for authentication) |
| role | Integer | The user’s role/permission group, one of the following:  - 0: student  - 1: professor  - 2: administrator |

**Role-Specific Data Fields:**

|  |  |  |  |
| --- | --- | --- | --- |
| *Field name* | *Type* | *Role* | *Description* |
| enrolled\_courses | Integer[] | 0 | A list of the IDs of the student’s current courses |
| assigned\_courses | Integer[] | 1 | A list of the IDs of the professor’s currently assigned courses |