­­Here’s a detailed table for each model, listing the fields, data types, foreign keys, and default values­­ based on the models.py file you provided[:[1]](#ref)

### 1. **User Model (users table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| username | String(150) | None | None |
| password | String(150) | None | None |
| email | String(150) | None | None |
| is\_paid | Boolean | None | False |
| is\_admin | Boolean | None | False |
| status | String(50) | None | ‘active’ |
| created\_at | DateTime | None | Current UTC datetime |
| last\_updated | DateTime | None | Current UTC datetime, on update |

### 2. **UserData Model (user\_data table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| user\_id | Integer | users.id | None |
| content\_id | Integer | contents.id | None |
| interaction\_type | Enum | None | ‘viewed’ |
| interaction\_date | DateTime | None | Current UTC datetime |
| feedback | Text | None | None |
| content\_rating | Integer | None | None |
| time\_spent | Integer | None | 0 |
| last\_interaction | DateTime | None | None |

### 3. **UserProfile Model (user\_profiles table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| user\_id | Integer | users.id | None |
| profile\_pic | String(255) | None | None |
| profile\_pic\_path | String(255) | None | None |
| preferred\_categories | Text | None | All categories as JSON |
| preferred\_modules | Text | None | All modules as JSON |
| report\_templates | Text | None | None |
| created\_at | DateTime | None | Current UTC datetime |
| updated\_at | DateTime | None | Current UTC datetime, on update |

### 4. **UserContentState Model (user\_content\_states table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| user\_id | Integer | users.id | None |
| content\_id | Integer | contents.id | None |
| modified\_file\_path | String(255) | None | None |
| annotations | Text | None | None |
| created\_at | DateTime | None | Current UTC datetime |
| updated\_at | DateTime | None | Current UTC datetime, on update |

### 5. **UserReportTemplate Model (user\_report\_templates table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| body\_part | Enum | None | None |
| modality | Enum | None | None |
| template\_name | String(255) | None | None |
| tags | Text | None | None |
| is\_public | Boolean | None | False |
| user\_id | Integer | users.id | None |
| category | Enum | None | None |
| module | Enum | None | None |
| template\_text | Text | None | None |
| file | String(255) | None | None |
| file\_path | String(255) | None | None |
| created\_at | DateTime | None | Current UTC datetime |
| updated\_at | DateTime | None | Current UTC datetime, on update |

### 6. **UserFeedback Model (user\_feedbacks table)**

| Field | Data Type | Foreign Key | Default Value |
| --- | --- | --- | --- |
| id | Integer | None | Auto-increment |
| user\_id | Integer | users.id | None |
| content\_id | Integer | contents.id | None |
| feedback | Text | None | None |
| is\_public | Boolean | None | False |
| user\_display\_name | String(100) | None | None |

1. This table provides a clear view of the fields, their data types, foreign keys, and
2. default values for each relevant model. Let me know if you’d like to proceed with
3. updating the login route or if there are any specific adjustments you’d like to make!