

The database is structured in eight different tables:

- **author**, containing the author's id, first and last name
- **availability\_status**, pointing to the availability of the requested material
- **book**, the most detailed table (obviously), containing the book's id, the book's title, the author's id, the category's id, the availability's id, the publication's year and the number of copies owned
- **category**, pointing to the genre of the publication
- **loan**, containing the data of the material loaned, of the member that loaned it, plus the date of the loan and of the return
- **member**, this table store all the members' data (name, address, e-mail, telephone) plus their subscription status
- **member\_status**, pointing to the subscription status of a member (active, suspended, etc.)
- **reservation**, used to store reservations made by the members

For more informations about the relations between different tables, check the following chart.

To manage loans from people that aren't students, it's possible to add just a particular status to the **member\_status** table.

