Conceptual Model

QueryMaster

- query_name
- create_date
- query_definition
- user_id
- group_id

QueryInstance

- query_result_id
- start_date
- end_date
- status_type

QueryInstance

- query_result_id
- start_date
- end_date
- status_type

QueryInstance

- query_result_id
- start_date
- end_date
- status_type

QueryResult

- patient_set_id
- set_size
- status_type

QueryResult

- patient_set_id
- set_size
- status_type

QueryResult

- patient_set_id
- set_size
- status_type
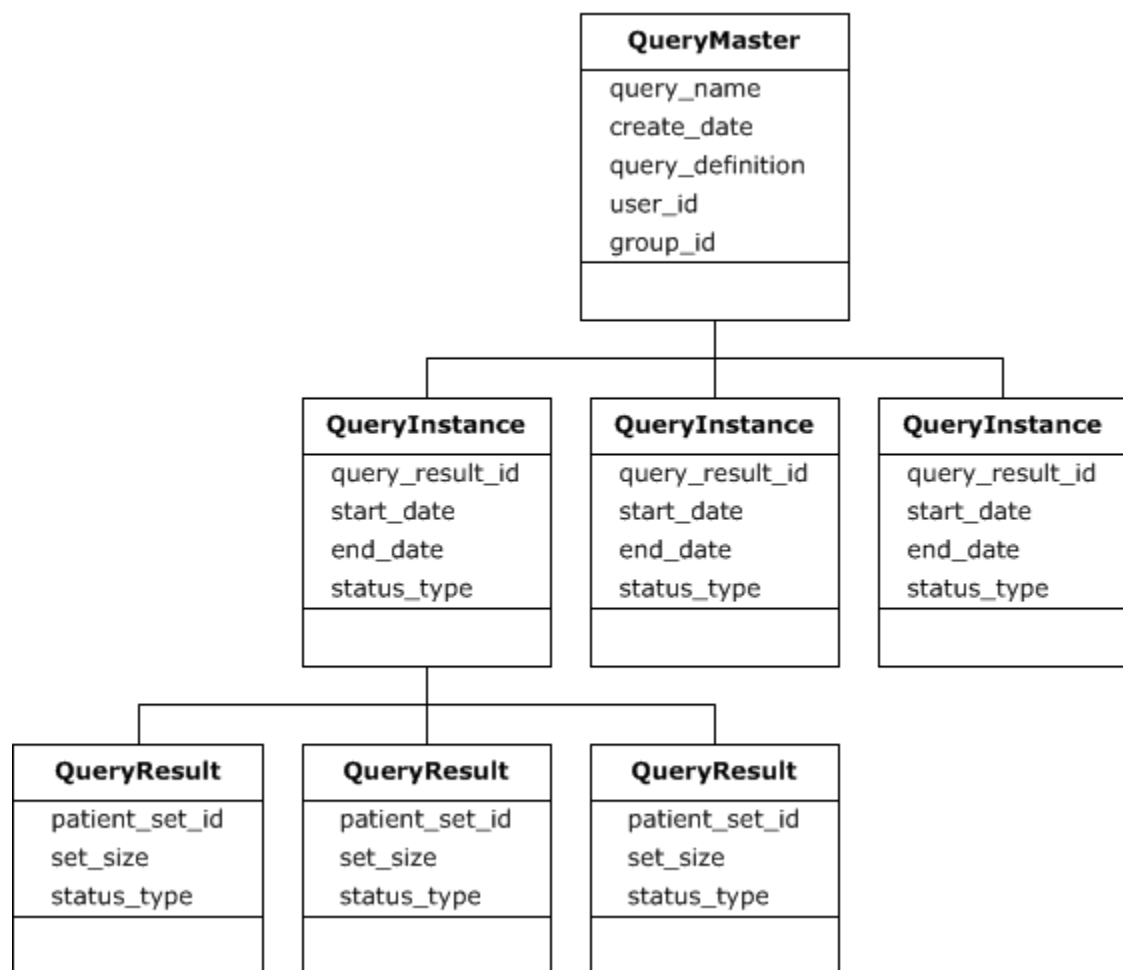
The **QueryMaster** holds the master information about the query like the *query name*, *query_definition*, *user_id*, and *group_id*.
The **query_defintion** element in the QueryMaster holds the xml representation of the query constraint; its details are described below.
The run information of the query is recorded in the **QueryInstance** and is created whenever the query is executed.
QueryResult typically holds the result information of the query, such as the *id* and the *set size* of the patient set, as well as the result status.
There can be multiple QueryInstances for one QueryMaster and one QueryInstance can have multiple QueryResults.