**(1) Create and name a new Project**

Start your dirigible. After it is ready go with the mouse on the blank space in the window “Workspace Explorer” -> right click and create your new project by clicking New -> Project. Name your project in the gap. After clicking Next select the blank application template and click Finish.

**(2) Create new Data Structure**

On the name of the project right-click and create a new Data Structure. Select a Database Table. By choosing the option Add you will add all the needed attributes.

**(3) Add attributes in the Data Structure**

First you should define an “ID” attribute as a primary key, so mark the two boxes – “Not Null?” and “Primary Key?”. Choose ID’s type - choose INTEGER so it has a numerical value. For example to make a database for students add FIRST\_NAME – the type is VARCHAR, the length is 30 and it also is not null so mark the box again. Add a LAST\_NAME the characteristics are the same that are for FIRST\_NAME. Add also an AVERAGE\_GRADE with type DOUBLE and also not null value. And the last attribute should be BIRTH\_DATE with type DATE and not null value. By clicking Next you should name your table. After you are ready click finish and the table definitions will be shown in JSON format.

**(4) Publish a Project**

To publish your project right click on the name and select Publish. On the main line at the top of the screen select “other…” and choose Database in the new opened window. At the SQL Console at the bottom of the screen type “SELECT \* FROM …” where at the position of the “…” enter the name of your table. If nothing is shown after clicking Query you should add your table in the project.

**(5) Add a table in a Project**

That can be possible after right click on the name of the project and create new Data Structure. In the window choose “Delimited Separated Values Sample Data” and find the name of your table. Add it to your project by clicking Next and after that Finish. Publish your project once again if you forget how -> get back on point **(4)**.