* The project uses an embedded Derby database. The database has the following form:

|  |
| --- |
| **Employee** |
| Employee\_No INT PK |
| First\_name VARCHAR(30) |
| Last\_name VARCHAR(30) |
| Department\_No INT FK |
|  |

|  |
| --- |
| **Department** |
| Department\_No INT PK |
| Department\_name VARCHAR(30) |

* If the database is missing, the system will create it at ‘/database/FFDB’. It will also auto-populate 2 records in each table.
* As Department\_No is a foreign key, you cannot add Employee records with a Department\_No that does not correspond to a record in the Department table. If necessary add/update the department records first.
* Supported operations are read all (GET), read individual (GET), create (POST), update (PUT), and delete (DELETE) for both tables.
* The URI is ‘/FreedomFinancialTest/rest’ with the following signatures:

|  |  |  |
| --- | --- | --- |
|  | Employee | Department |
| GET (all) | /employee\_service/employees | /department\_service/departments |
| GET (single) | /employee\_service/employees /{employee\_no} | /department\_service/departments /{department\_no} |
| POST | /employee\_service/employees | /department\_service/departments |
| PUT | /employee\_service/employees | /department\_service/departments |
| DELETE | /employee\_service/employees /{employee\_no} | /department\_service/departments /{department\_no} |

* Response data is XML or plain text