

IMPLEMENTING WEB APPLICATION

CREATE IBM DB2 AND CONNECT WITH PYTHON

Team ID	PNT2022TMID49745
Project Name	Nutrition Assistant Application

DATABASE CONNECTION:

```
app = Flask(__name__)
app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b70af05b-76e4-4bca-a1f5-
23dbb4c6a74e.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32716;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=rqn22933;PWD=v1K08EB1xJ6XXWmS", '', '')
```

IBM DB2:

The screenshot shows the IBM Db2 on Cloud console interface. The browser address bar displays the URL: `bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fc52d71fcb3194bf58a7f94931ebd04%3A8ad73726...`. The console header includes navigation tabs: Load Data, Load History, Tables, Views, Indexes, Aliases, MQTs, Sequences, and Application objects. The main content area displays the table `RQN22933.ACCOUNTS`. A table with three columns (USERNAME, EMAIL, PASSWORD) contains four rows of data. A 'Back' button is in the top right, and an 'Export to CSV' button is in the top right of the table area. The Windows taskbar at the bottom shows the date as 14-Nov-22 and time as 9:53 AM.

USERNAME	EMAIL	PASSWORD
chalcedony	chalice@gmail.com	chalice0710
durga	durga@gmail.com	durga11
lakshana	lakshana@gmail.com	lakshana27
nithi	nithi@gmail.com	nithi1091