1. Install MySQL on [macOS](https://dev.mysql.com/doc/mysql-osx-excerpt/5.7/en/osx-installation-pkg.html) / [Linux](https://dev.mysql.com/doc/mysql-apt-repo-quick-guide/en/).
2. Install [MySQL Driver](https://www.w3schools.com/nodejs/nodejs_mysql.asp).
3. Enter the MySQL monitor and enter your system password to login:
   1. macOS: $ /usr/local/MySQL/bin/mysql -u root -p
   2. Linux: $ mysql -u root -p
4. Type the following instructions:
   1. mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY '<MyNewPass>';
   2. mysql> flush privileges;
   3. mysql> \q
5. Test node.js connecting mysql
   1. Create [demo\_db\_connection.js](https://www.w3schools.com/nodejs/nodejs_mysql.asp)
   2. $ node demo\_db\_connection.js

Now the MySQL DB setup is done and after the connecting test the success, you can proceed to set up the project database:

1. Pull code from SkillsIdentifier Github.
2. Enter the root directory of the project.
3. Enter the MySQL monitor by /usr/local/MySQL/bin/mysql -u root -p (macOS) or mysql -u root -p (Linux).
4. mysql> CREATE DATABASE SkillsIdentifier;
5. mysql> source InitParentJobTranslationTable.sql;
6. mysql> select \* from ParentJobTranslation; (You should be getting 964 results)
7. mysql> source InitSkillTranslationTable.sql;
8. mysql> select \* from SkillTranslation; (You should be getting 120 results.)
9. mysql> \q
10. $ npm install express --save
11. $ npm install body-parser --save
12. $ npm install cookie-parser --save
13. $ npm install multer --save
14. $ npm install morgan --save
15. $ npm install method-override --save
16. $ npm install cors --save
17. Open SkillsIdentifier-MVP/server/server.js, and change the Password in line 17 to the password you set in step 4.
18. Open another terminal.
19. On new terminal: $ cd SkillsIdentifier-MVP/server
20. On new terminal: $ node server.js. Don’t close this terminal.
21. Go to <http://localhost:8080/parentjobfrench/21-1012.00> and you should see some French strings.
22. Go to the original terminal.
23. Open the browser and visit <https://api.dataatwork.org/v1/jobs/autocomplete?contains=teach>
24. If you get an error, click the advanced button and proceed to the page. You should get a json on the page.
25. $ cd SkillsIdentifier-MVP
26. $ ionic serve
27. The SkillsIdentifier website should be open. Input ‘teach’ in the box and there should be a dropdown box with related French jobs. You may need to wait some time until the dropbox shows up. Select one job.
28. For other boxes you also need to input English words in order to get complete French jobs.
29. Click Continue, you should see Skills in French.