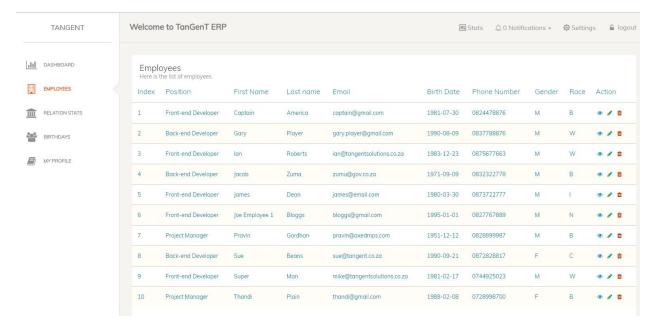
Hello Tangent

I used the lightest technology that I know. Angular. Light footprint. Quick test and reload. The back end is notrmally a Java JWT web service reading from an Oracle database or MongoDB, or a .NET WEBAPI webservice reading from a SQL server database.

Running the assessment application

- 1. Just put the folder in a web server folder and execute. I tested it on tomcat, glassfish and iis.
- 2. Please Note: The app needs a live internet connection because it loads some files from the internet. This is optional. I have copies of the files in the JS folder.



Javascript Customisation

I did javascript customisation to prepare the web service output for authentication and rendering.

Unit Test Customisation

Using nodejs, I installed karma and jasmine and configured my unit tests.

I just did a skeleton stub to ensure that my ability is proven.



Application Overview

The application gets data from the Tangent web service.

Under Employees, it lists all the employees that are given by the web service.

Under Relation Stats, I tried to depict a relationship of the ONLY numerical data types in the employee web service, as in [years worked, age and days-to-birthday]. This is not really an objective chart but simply illustrates possibilities.

Under Birthdays, the birthdays of the ten persons in the web service are listed. I had to reorient the data, re-sort it and display the new calendar based array.

Many thanks for this opportunity.,

Regards

Davison Matanga

dmatangany@yahoo.com

071 3628200