**Angular .NETCore Full Stack Developer**

**Assessment**

As part of your technical assessment, you are requested to submit a working web application for a Simple Employee CRUD solution:

1. Frontend (using Angular 13+)
2. Backend service (using .NET core 5+)
3. Database (MSSQL 2014+)
4. JWT authentication
5. API gateway

The solution should satisfy the following Design/Implementation considerations

* Create, Update and Delete requests should be implemented asynchronously.
* All API calls should be secure and authenticated.
* A Swagger endpoint with the API documentation should be provided.
* All backend configurations must be stored in the appsettings.json file and not hardcoded.
* Unit tests for the implemented functionalities.

The solution may have the following as a plus

* SignalR clients’ connections are authenticated using Bearer tokens so that notifications can be sent to all clients’ connections opened by specific username.
* Use lazy loading in the frontend application in some capacity.
* Providing docker files for the frontend and backend projects

The criteria of the evaluation are:

* Covering the above technical requirements
* Working successfully
* Applying best practices
* Clean code

**Required from interviewee:**

* If there are unclear points send enquiries, please send them to abhiroop.santra@maqta.ae with subject “Angular .NETCore FS Developer \ Applicant Name”.
* Incomplete or non-working submissions will be reviewed with lower grading/score than complete working submissions.

Good Luck!