

PPECB Technical Assessment

Prepared For:

Developer

Year: 2018



PPECB

www.ppecb.com

**VERSION CONTROL**

DOCUMENT CONTROL					
Reference		Date	27/06/2018	Version	1.0
File Name	PPECB Technical Assessment Document				
Author	PPECB				
REVISION HISTORY					
Revision	Date	Changed By	Comments / Reason		
1.0	27/06/2018	KG	Creation.		



Table of Contents

1	Introduction	4
2	Tasks.....	4
3	Tools.....	4
4	Scope.....	4
5	Submission	5



1 Introduction

The purpose for this document is to guide a prospective PPECB developer on tasks they need to execute to complete a PPECB developer technical assessment remotely. The assessment covers the type of work that is done by PPECB developers.

2 Tasks

The prospective developer must execute the tasks below to complete the assessment

- Create a Restful Webservice with CRUD functionally
- Create database [TechTestDB]. An “Employee” table must be created
 - This table must have minimal fields that you would need when storing an employee in a database
- Create a Web Client that will consume the Restful Webservice
 - The client must perform CRUD functions

3 Tools

The prospective developer must use the following tools to execute the tasks

- Visual Studio 2017
- SQL Server 2014
- Code must be written in C#

4 Scope

PPECB is looking for the follow

- The use of ORMs
- Patterns used, how DI/IoC is applied, how data is transformed, how Restful service is constructed
- Application of Javascript frameworks and how Restful service is consumed
- Creativity used in the whole solution



5 Submission

To submit the technical assessment, the prospective developer must do the following

- Script the database used with the relevant object/s created (this must be in one script name [DatabaseScript.sql])
- The [ConnectionString]s used in the solution projects must use Integrated Security
- Put the whole solution and the database script in a Zip file and name is [PPECB Technical Assessment.zip]
- Email the Zip file to johand@ppecb.com