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**Bowman car hire**

**Connection Technical document**

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1. **Project Overview**

**This technical document will highlight the bowman car hire program connection details.**

**1.1 Objective**

* To be able to retrieve data from the sql server Sql Server management studio database back to the program.

**1.2 Business Case**

The connection to the database will allow the users to capture data and display back to the database, so it can be centrally stored.

**1.3 Risks**

Risks to consider is that connection to the SSMS can be disconnect by users that have no knowledge of how to use the system and extra measures should be taken to prevent such issues.

**3. Technical Specifications**

* SQl server management studio 2017
* Visual studio 2010

**3.1 Servers**

* Sql server 2016

**3.3 Access Requirements**

* Number ofusers requiring simultaneous access to the application
* List user communities who will need access, including
  + Developers
  + The manager
  + The sales staff

**3.4 Databases**

* SQL Server
* Database version required – 2016

**How to connect to the database**

* Open SQL SSMS and when a server log dialog pops up, click connect.
* When loaded , click new query and create new database using sql statements
* Start Visual studio and click on new project then select a form
* Once loaded go to solution explorer and right click, then add new item

Then select Ado.net entity framework then put sql server database name ,select tables, connection type and mapping the tables.

* In the form1 include using Sql.Data.Client and connect with connection parameters.