1. **Define a Personal Contact model**

Graphical user interface, text, application

Description automatically generated

1. **Structure of Project**

Graphical user interface, text, application

Description automatically generated

1. **Create**

Graphical user interface, application

Description automatically generated

1. **Check Json File generated after calling Create.**

Graphical user interface, text, application

Description automatically generated

* **Note**: If the project does not call database, the Create function still adds into json file with Id = 0 .

Graphical user interface, application

Description automatically generated

1. **Edit**

Graphical user interface, text, application

Description automatically generated

1. **Delete**

Graphical user interface, text, application, email

Description automatically generated

1. **View**

Graphical user interface, text

Description automatically generated

1. **Unit Test**

* Test\_Insert\_Invalid\_First\_Name : Failed because the Personal Contact table does not allow to add null or empty First Name value.

Graphical user interface, text, application

Description automatically generated

* Test\_Insert\_Invalid\_Title\_With\_Max\_Length : Failed because the Title defined only 150 character. The actual model defined Title: 426 character.

Graphical user interface, text, application

Description automatically generated

* Test\_Insert\_Valid: Successful because the model added correct information.

Graphical user interface, text, application

Description automatically generated