Justin MacGregor - 991471961

Assignment 3 Report

December 2nd, 2020

1 - show that the service is successfully running

DBService Service ×   MacGregorReport - Google Docs ×   Assignment-3 - PROG30000 Ente ×   +

← → C ⓘ localhost:52460/DBService.svc

DBService Service

You have created a service.

To test this service, you will need to create a client and use it to call the service. You can do this using the svcutil.exe tool from the command line with the following syntax:

svcutil.exe http://localhost:52460/DBService.svc?wsdl

You can also access the service description as a single file:

http://localhost:52460/DBService.svc?singleWsdl

This will generate a configuration file and a code file that contains the client class. Add the two files to your client application and use the generated client class to call the Service. For example:

C#

```
class Test
{
    static void Main()
    {
        DBServiceClient client = new DBServiceClient();

        // Use the 'client' variable to call operations on the service.

        // Always close the client.
        client.Close();
    }
}
```

Visual Basic

```
Class Test
    Shared Sub Main()
        Dim client As DBServiceClient = New DBServiceClient()
        ' Use the 'client' variable to call operations on the service.

        ' Always close the client.
        client.Close()
    End Sub
End Class
```
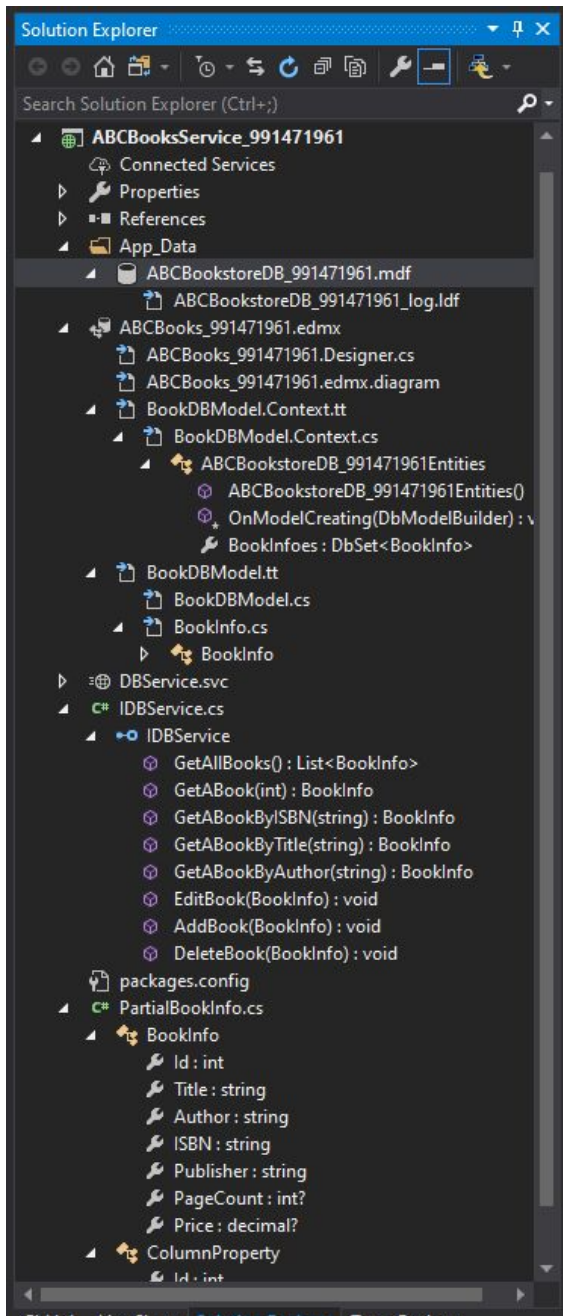
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```
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```

2 - Contents of database through Server Explorer

3 - Solution Explorer files

4- Landing Page

Landing - My ASP.NET Applicatio ✕ +

← → C 🔒 localhost:44396/Book/Landing

Application name   Home   About   Contact

Name: Justin MacGregor

ID: 991471961

Course Name: Enterprise Software Systems PROG30000

Instructor Name: Prof. Syed Tanbeer

[Enter Book Into Database]

[Retrieve All Book Information]

[   ]
[Edit (By Book Title)]

[   ]
[Details (By Author)]

[   ]
[Delete (By ISBN)]

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5 - Creating a book

5.1 - Book showing up in DB

Index - My ASP.NET Application

localhost:44396/Book/Index

Application name   Home   About   Contact

Index

Author	ISBN	PageCount	Price	Publisher	Title
F. Scott Fitzgerald	6432435443321	201	9.99	Redhood Books	The Great Gatsby
J.R.R. Tolkien	8754378345784	521	15.59	Penguin	The Lord of the Rings
J.D. Salinger	5435434533344	476	7.99	Penguin	The Catcher in the Rye
William Golding	4393290432092	432	9.99	Fun Reads	Lord of the Flies
Shel Silverstein	4324232345678	256	9.99	iBooks	The Giving Tree
Khaled Hosseini	7885543453347	623	15.99	Smashwords	The Kite Runner
Louisa May Alcott	4322342344342	422	11.99	Kobo	Little Women
Justin MacGregor	8373837364890	213	21.88	Sheridan Library	Life of a Computer Science Student
George Orwell	435674859685746	215	12.99	Goodreads	1984
Syed Tanbeer	3764563746356	101	21.99	Sheridan	Thank you for this semester!

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```
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```

6 - Retrieve all book information

Index - My ASP.NET Application

localhost:44396/Book/Index

Application name   Home   About   Contact

Index

Author	ISBN	PageCount	Price	Publisher	Title
F. Scott Fitzgerald	6432435443321	201	9.99	Redhood Books	The Great Gatsby
J.R.R. Tolkien	8754378345784	521	15.59	Penguin	The Lord of the Rings
J.D. Salinger	5435434533344	476	7.99	Penguin	The Catcher in the Rye
William Golding	4393290432092	432	9.99	Fun Reads	Lord of the Flies
Shel Silverstein	4324232345678	256	9.99	iBooks	The Giving Tree
Khaled Hosseini	7885543453347	623	15.99	Smashwords	The Kite Runner
Louisa May Alcott	4322342344342	422	11.99	Kobo	Little Women
Justin MacGregor	8373837364890	213	21.88	Sheridan Library	Life of a Computer Science Student
George Orwell	435674859685746	215	12.99	Goodreads	1984
Syed Tanbeer	3764563746356	101	21.99	Sheridan	Thank you for this semester!

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```
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2 Assignment 3 PROG30000
3 December 2nd, 2020
```

8 - Requesting book details using author name

8.1 - Author Book Details

BookInfo

Author	Syed Tanbeer
ISBN	3764563746356
PageCount	101
Price	21.99
Publisher	Sheridan
Title	Thank you for this semester!

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9 - Requesting to delete via ISBN (1984 by george orwell)

9.1 - delete confirmation

Application name   Home   About   Contact

Are you sure you want to delete this?
BookInfo

Author	George Orwell
ISBN	435674859685746
PageCount	215
Price	12.99
Publisher	Goodreads
Title	1984

Delete | Back to List

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9.2 - Database after deletion (1984 no longer there)

Index - My ASP.NET Application

localhost:44396/Book/Index

Application name   Home   About   Contact

Index

Author	ISBN	PageCount	Price	Publisher	Title
F. Scott Fitzgerald	6432435443321	201	9.99	Redhood Books	The Great Gatsby
J.R.R. Tolkien	8754378345784	521	15.59	Penguin	The Lord of the Rings
J.D. Salinger	5435434533344	476	7.99	Penguin	The Catcher in the Rye
William Golding	4393290432092	432	9.99	Fun Reads	Lord of the Cries
Shel Silverstein	4324232345678	256	9.99	iBooks	The Giving Tree
Khaled Hosseini	7885543453347	623	15.99	Smashwords	The Kite Runner
Louisa May Alcott	4322342344342	422	11.99	Kobo	Little Women
Justin MacGregor	8373837364890	213	21.88	Sheridan Library	Life of a Computer Science Student
Syed Tanbeer	3764563746356	101	21.99	Sheridan	Thank you for this semester!

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```

9.3 - Solution Explorer

Solution Explorer

Search Solution Explorer (Ctrl+;)

- Solution 'ABCBooksClient_991471961' (1 of 1 project)
  - **ABCBooksClient_991471961**
    - Connected Services
      - BookReference_991471961
        - configuration.svcinfo
        - configuration91.svcinfo
        - DBService.disco
        - DBService.wsdl
        - DBService.xsd
        - DBService1.xsd
        - DBService2.xsd
        - Reference.svcmap
          - ABCBooksClient_991471961.BookReference_991471961.BookInfo.datasource
          - Reference.cs
            - BookInfo
            - IDBService
            - IDBServiceChannel
            - DBServiceClient
    - Properties
    - References
    - App_Data
    - App_Start
    - bin
    - Content
    - Controllers
      - BookController.cs
      - HomeController.cs
    - fonts
    - Models
    - obj
    - packages
    - Scripts
    - Views
      - Book
        - Create.cshtml
        - Delete.cshtml
        - Details.cshtml
        - Edit.cshtml
        - Index.cshtml
        - Landing.cshtml
      - Home
      - Shared
      - _ViewStart.cshtml
      - Web.config
    - favicon.ico
    - Global.asax

GitHub   Live Share   Solution Explorer   Team Explorer