

OBJECT ORIENTED ANALYSIS & DESIGN

***PROJECT TUTORIAL***

***INSTRUCTOR: SOHAIL IMRAN***

***PROJECT TITLE:***

***“INTRA BUS MANAGEMENT SYSTEM”***

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**INTRODUCTION:**

**Intra Bus Management System is a Web based application that works within a centralized network. This project presents a review on the software program *“Intra Bus Management System”* as should be used in a bus transportation system, a facility which is used to reserve seats and different types of route enquiries used on securing quick reservations. Intra Bus Management System is built for managing and computerizing the traditional database, ticket booking and tracking bus and travel made. It maintains all customer details, bus details, reservation details, in order to achieve the design.**

**PROJECT DESCRIPTION:**

**First of all, in this project we have login system for the admin as well as for the users.**

**User can register first than login himself after the login user can see bus search option**

**where user can see buses detail according to their requirements. After bus selection user**

**can book their seat and then make a payment after payment user can download them**

**tickets. In admin panel admin can add buses add boarding points update schedule**

**update seats. Admin can see booking details, route details and etc.**

**Step 1:**

First, I open the project in Visual Studio and then I published it. The advantage of publishing is that all the unnecessary files from Visual Studio are removed and only the essential files like HTML, CSS, and Bootstrap remain, which are necessary for running a website.

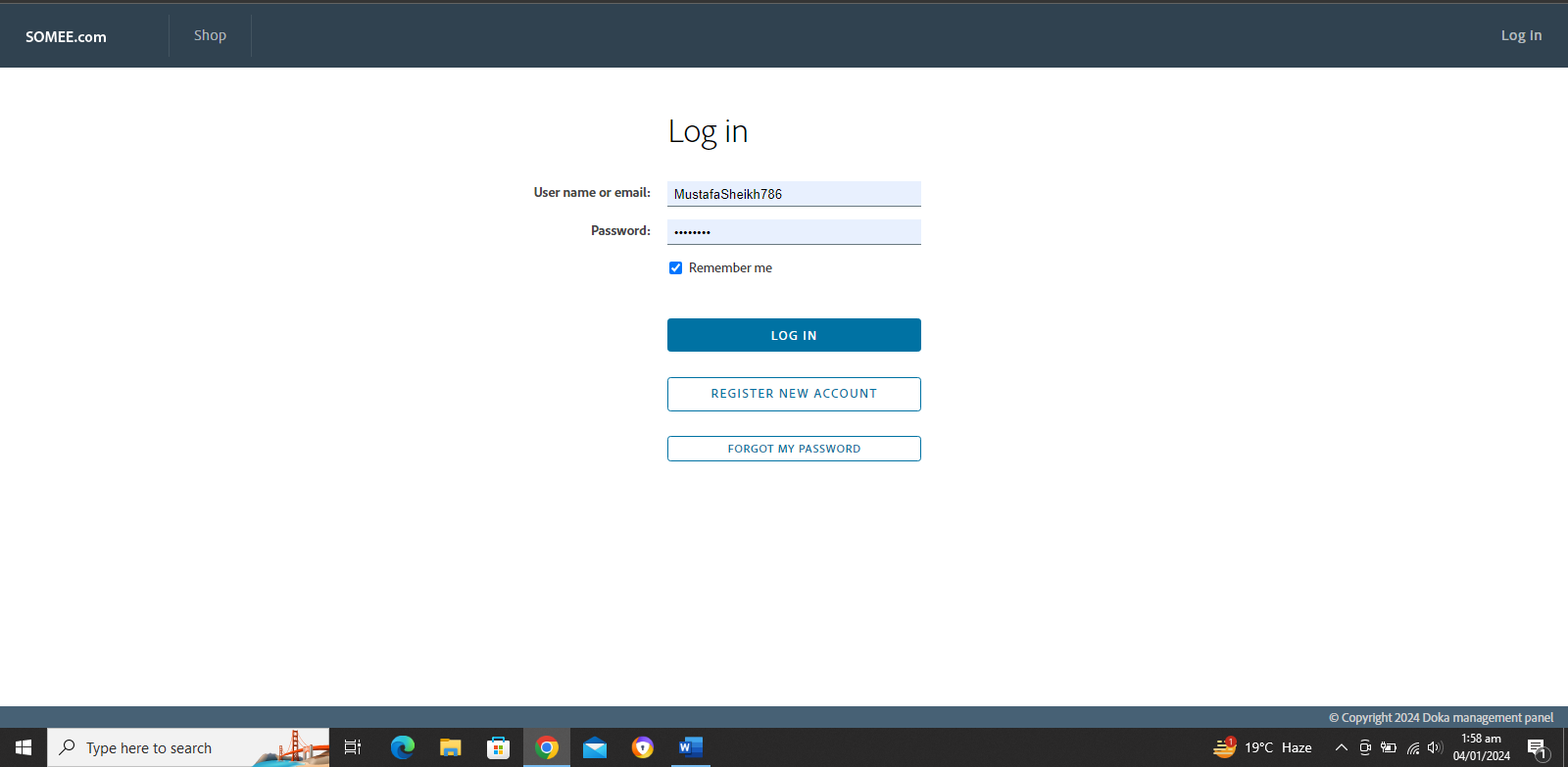
**Project Publish on Visual Studio:**

Visual Studio **🡪** Ensure that your project is configured correctly i.e. all necessary file, dependencies and configurations are correctly place. **🡪** Menu bar **🡪** navigate to build menu **🡪** select the publish option **🡪** select for local folder (if you doing for somee hosting)

After publishing compressed them into a RAR file to reduce their size. This compressed file was then uploaded to Somee's file manager.

Then after compressed file was uploaded, it needed to be extracted or unzipped to retrieve the original files. I ensured that the necessary files of my website are available for use.

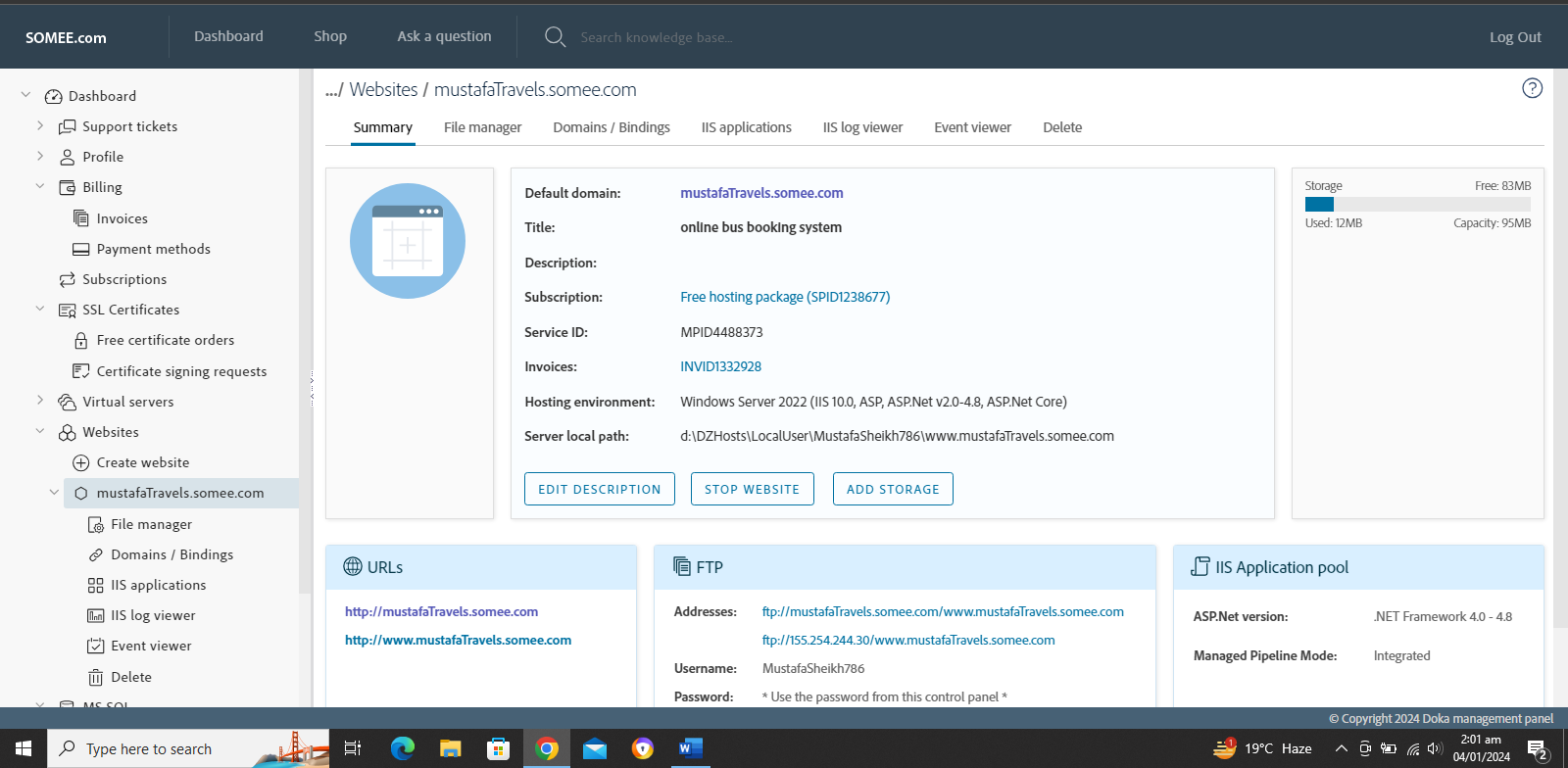
**Step 2: Create account on somee.com and login.**



**Step 2:**

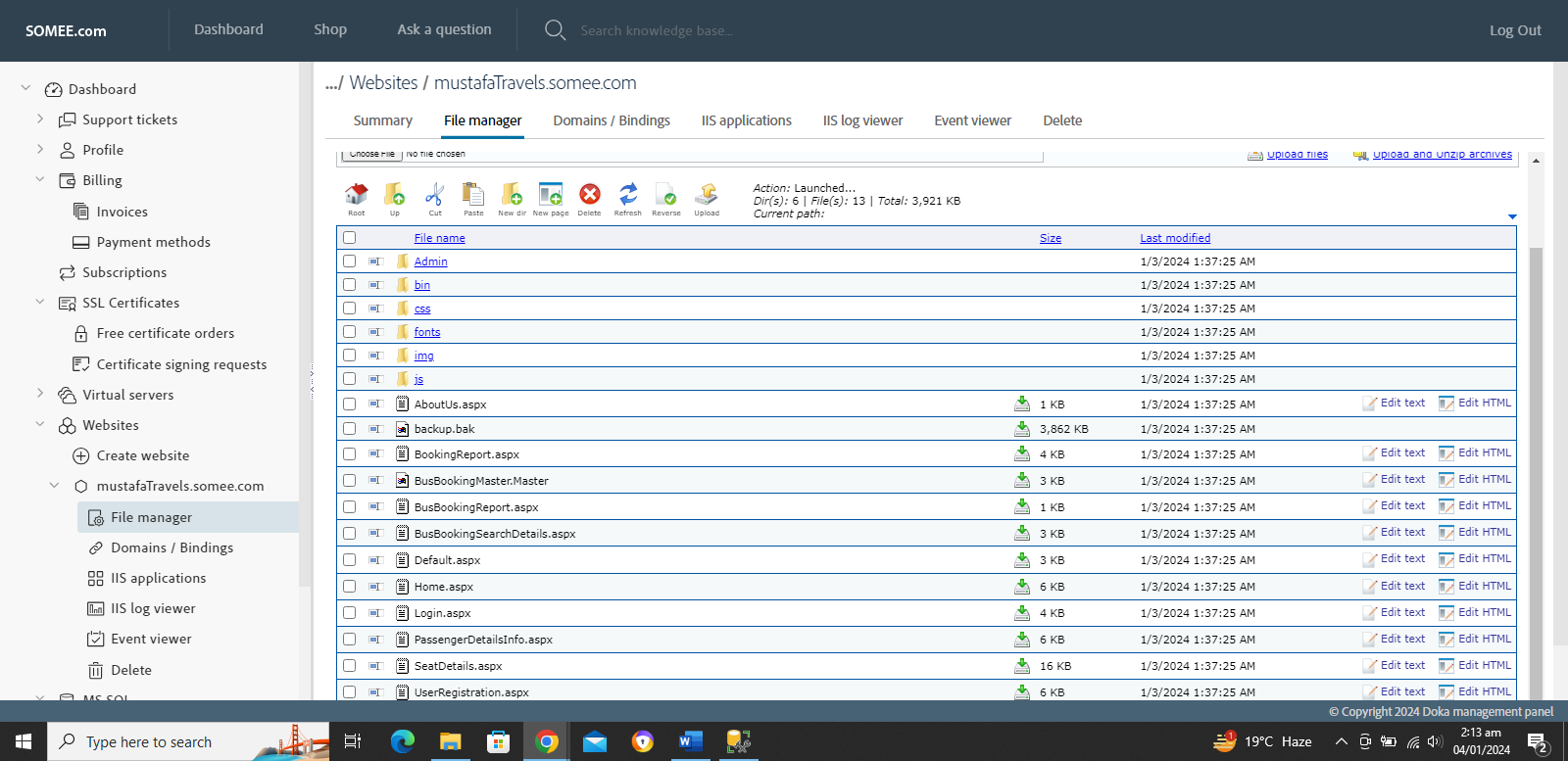
**Now go to side panel and select Website folder then Create Website.**

**And initialize a name for Domain.**



**Step 3:**

**Then go to File Manager and upload the compress file.**

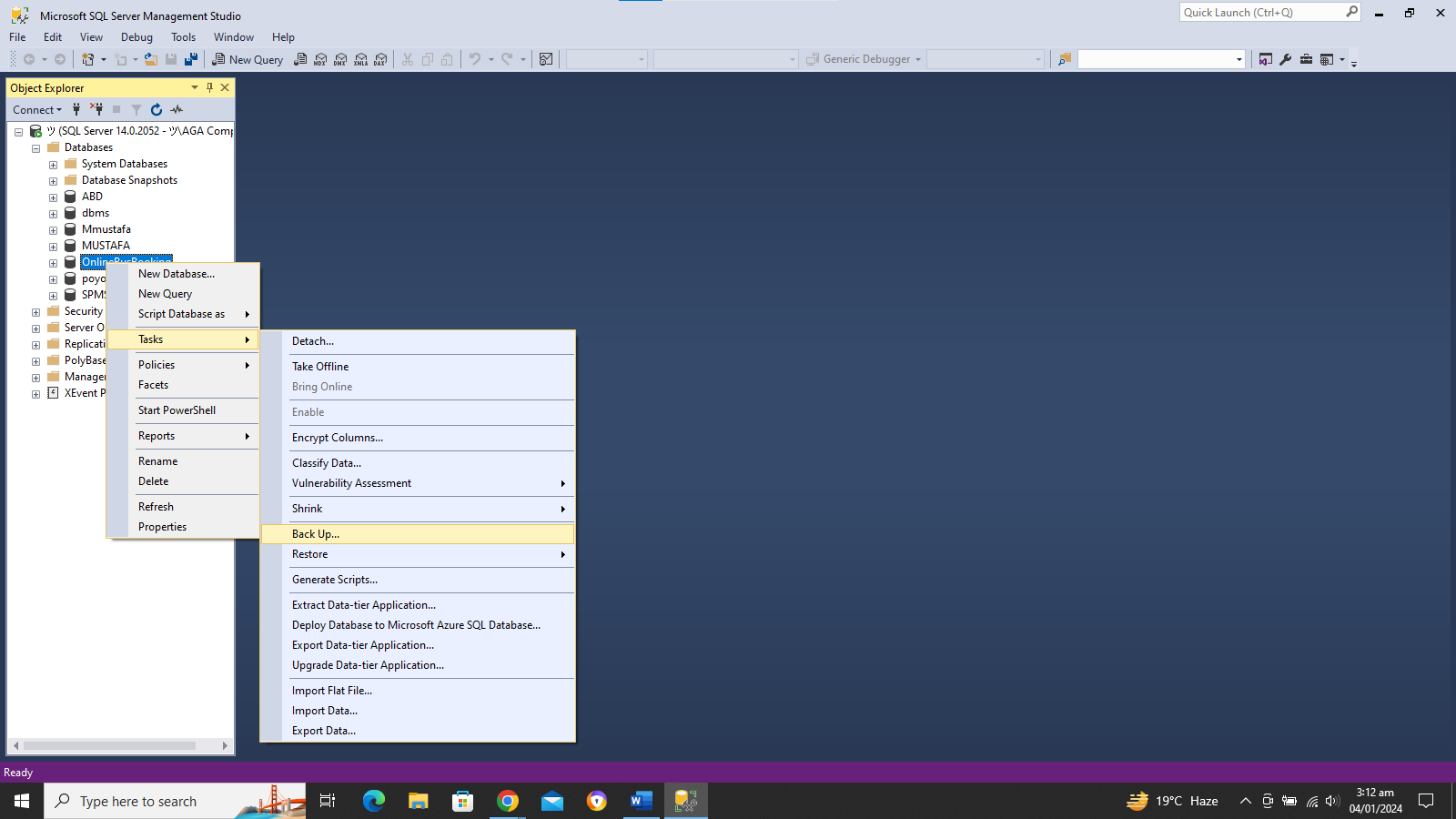


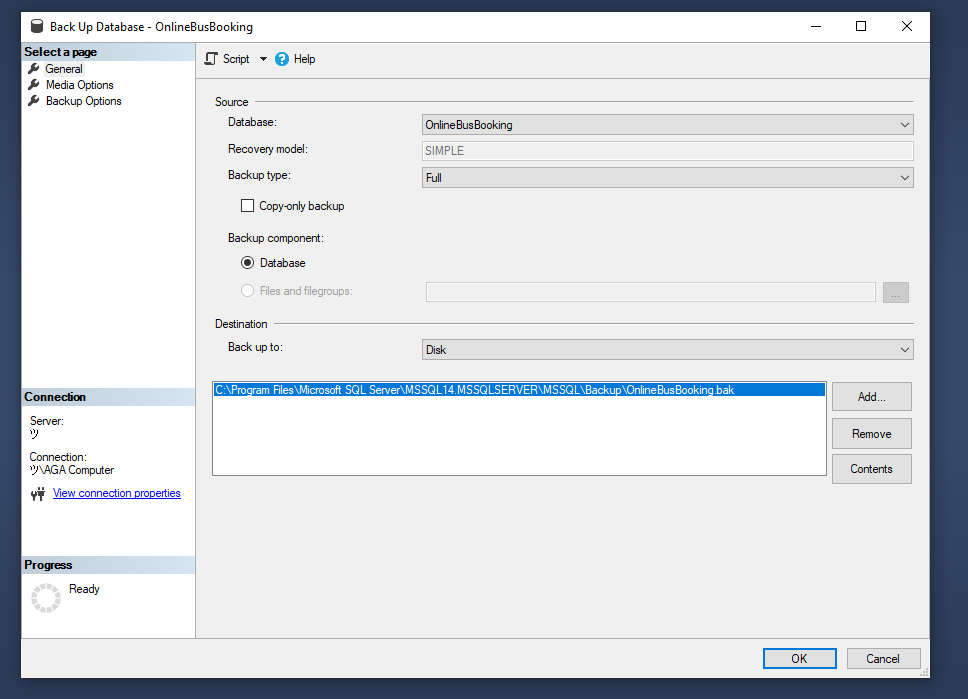
**Step 4:**

**Go to Databases then create database while using MySQL.**

**Go to MySQL and right click to the project and then task then backup. Add that file to the local disk.**

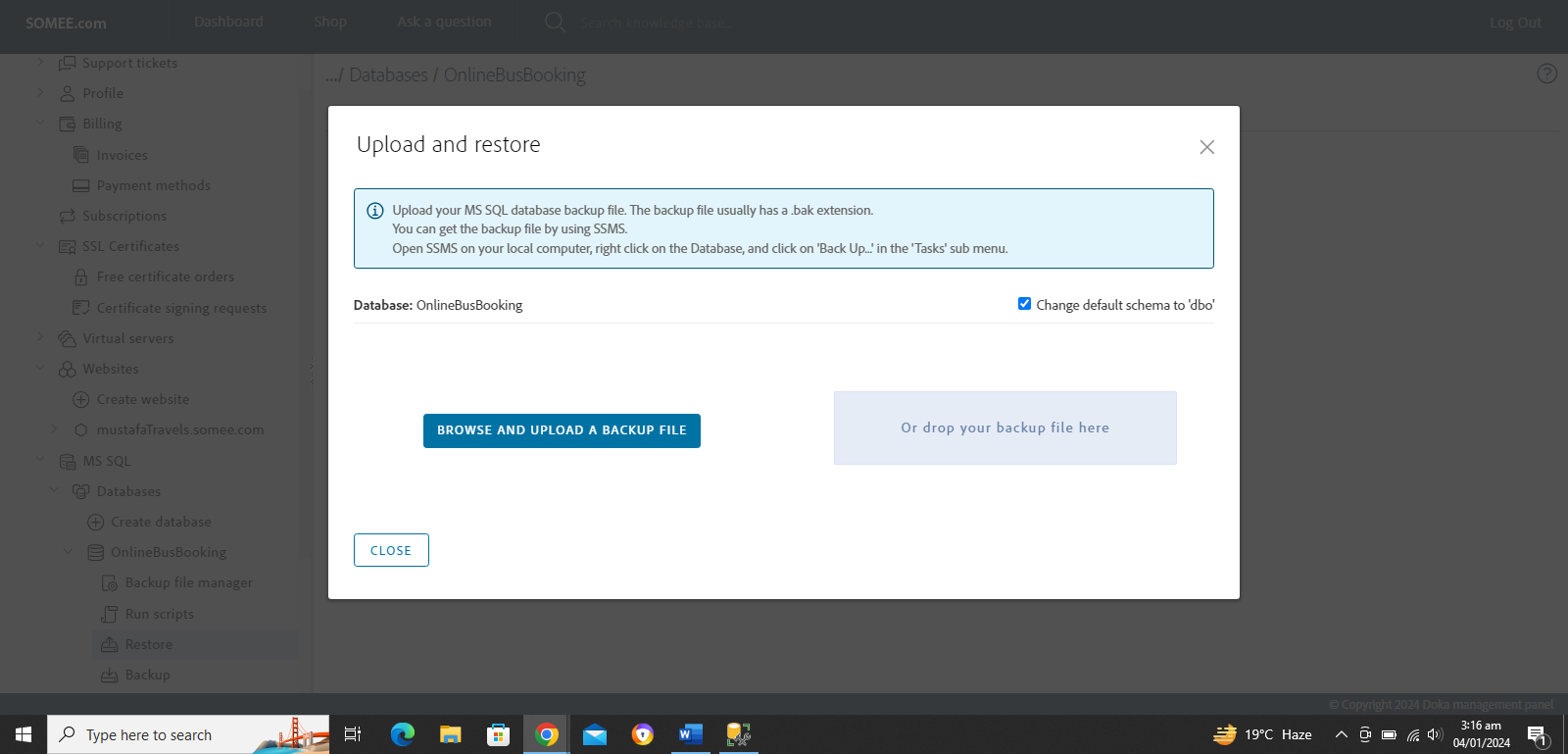
**Generated a backup file with extension .bak**





**Step 5:**

**GO to Somee Database and select Restore option then upload or drag and drop the .bak file which I saved from MySQL**

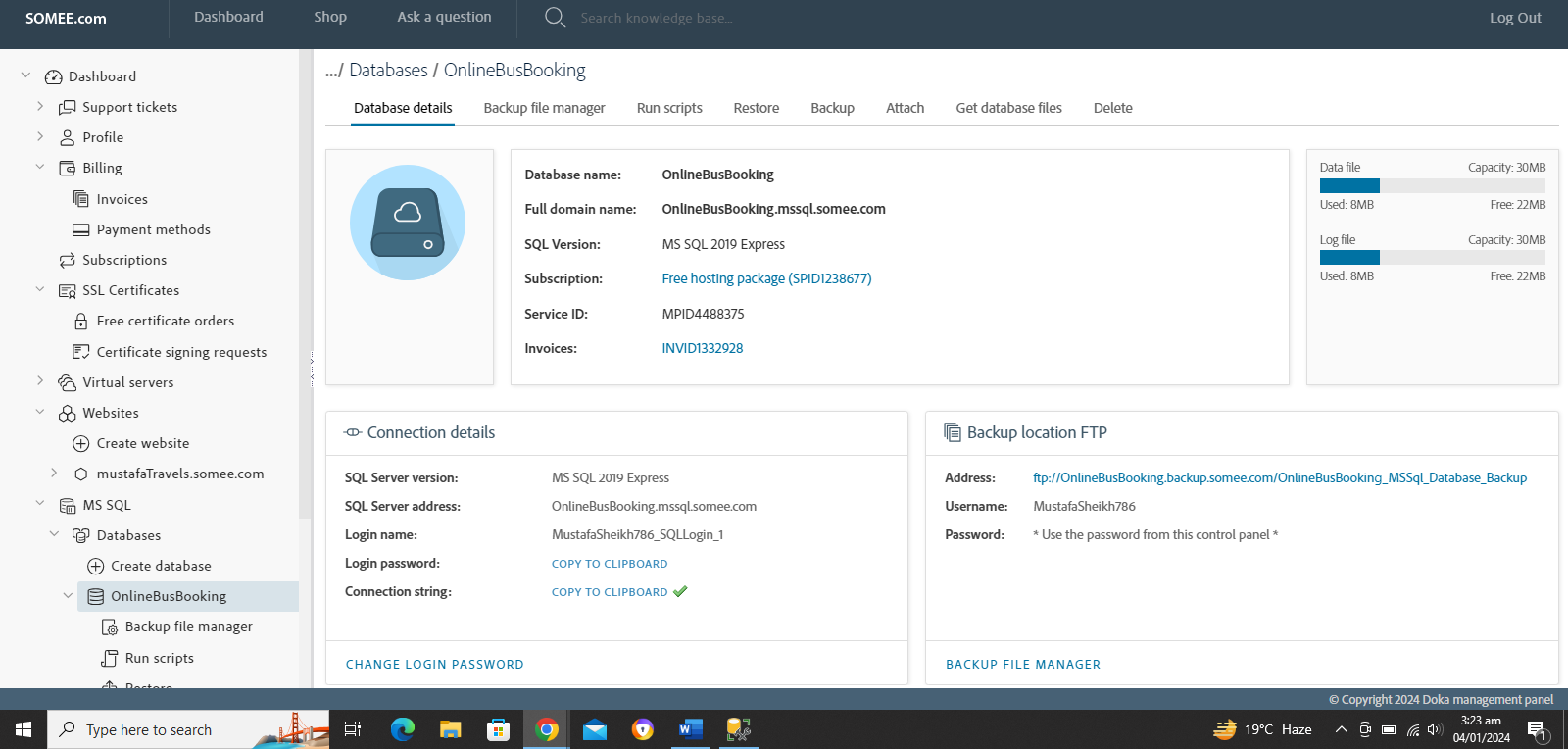


**As a result, my database was set up and ready to store the necessary information of my website.**

**Step 6:**

**Then to establish a connection between my project and the database, I will provide a connection string.**

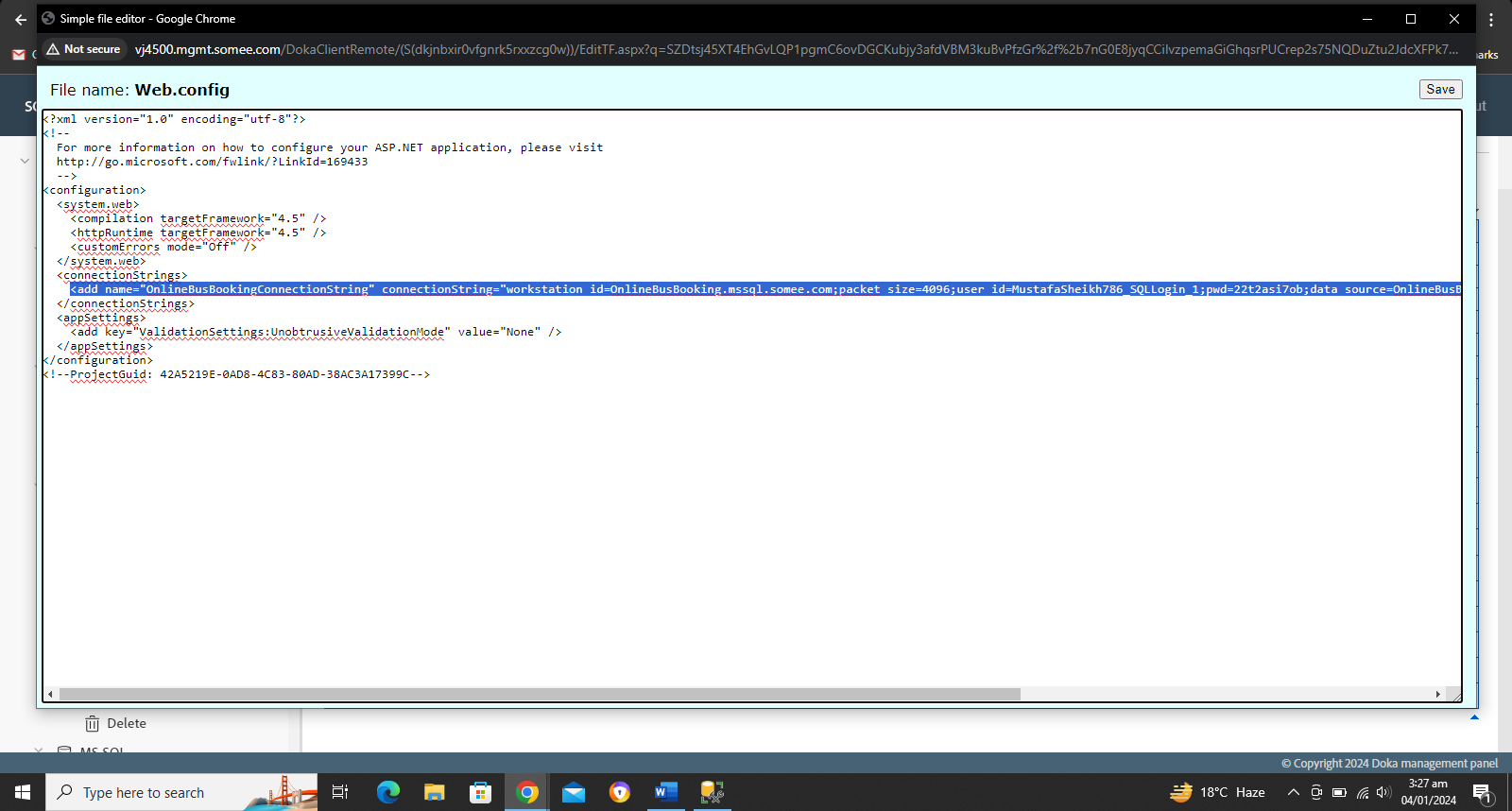
**I copied the connection string from the database and updated it in the web.config file, which is a configuration file used in ASP.NET projects.**

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**Then go to project 🡪 File manager 🡪 web.config file 🡪 edit text 🡪 paste the connection string.**

**Connection String 🡪 workstation id=OnlineBusBooking.mssql.somee.com;packet size=4096;user id=MustafaSheikh786\_SQLLogin\_1;pwd=22t2asi7ob;data source=OnlineBusBooking.mssql.somee.com;persist security info=False;initial catalog=OnlineBusBooking**

**By updating the connection string, my project is ready and could now establish a connection with the database.**

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**Website link:**

**http://mustafatravels.somee.com/Default.aspx**

**Github Link:**

**https://github.com/Mustafaa10/mustafa\_ooad\_project/tree/main**