# JOB PORTAL

Restoring the Database from a .bak File

This project uses a SQL Server database, and to get started, you'll need to restore the database from a .bak (backup) file. Follow these steps:

1. Obtain the .bak File:

    o   Ensure you have a copy of the .bak file for this database.

    o   Job-portal/JobPortal/JobPortal.bak at main · AJAY2-R/Job-portal

2. Launch SQL Server Management Studio (SSMS):

    o   Open SQL Server Management Studio, a graphical tool for managing SQL Server databases. If you don't have SSMS installed, you can download it from Microsoft's website.

3. Connect to SQL Server:

    o   Open SSMS and connect to your SQL Server instance where you want to restore the database. Ensure you have the necessary permissions to perform this operation.

4. Restore the Database:

    o   In SSMS, in the Object Explorer, right-click on "Databases."

    o   Choose "Restore Database."

- o
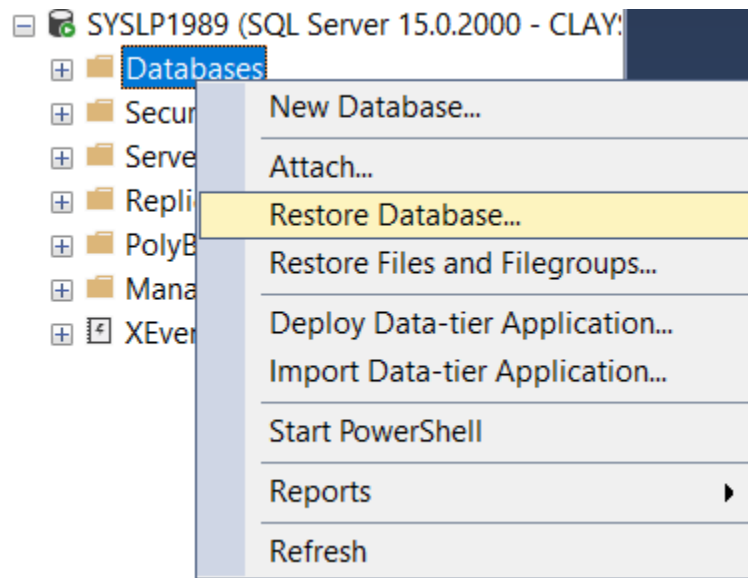
5. Specify Source and Destination:

   - o In the "General" section, select "Device" as the source.

   - o Click the "..." button to browse for the .bak file.

   - o Select your .bak backup file.

   - o In the "To database" field, specify the name of the database you want to create or overwrite with the backup data.
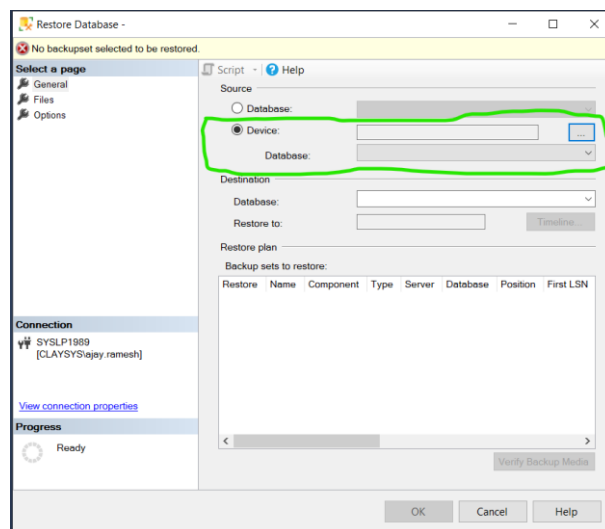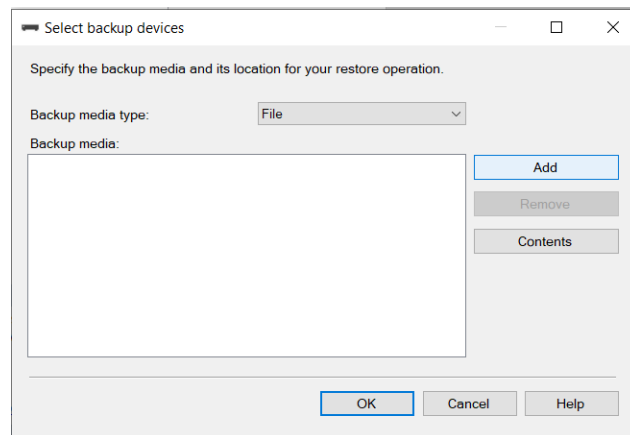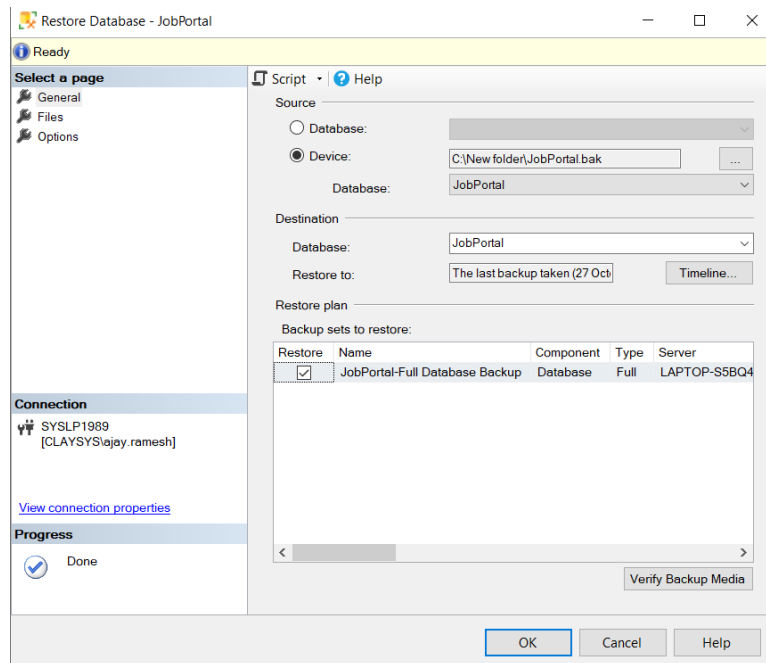
- Create an folder in LocalDisk C, and past the database backup in that folder
  - If backup file in any other location, its hard to add that file
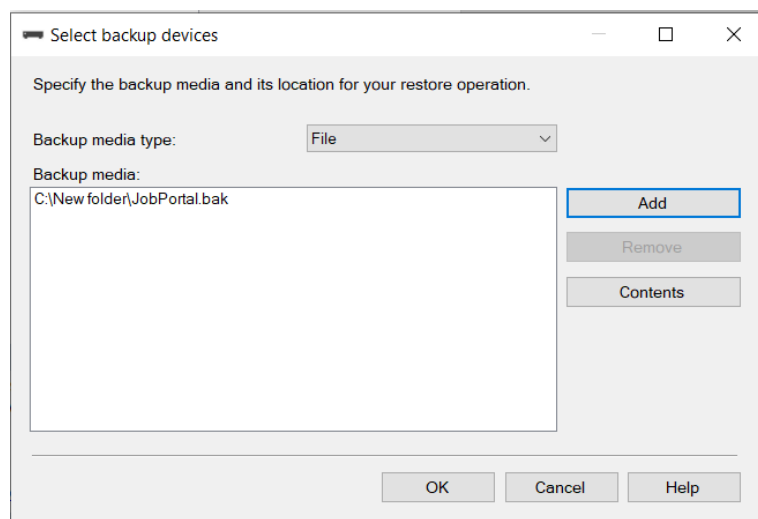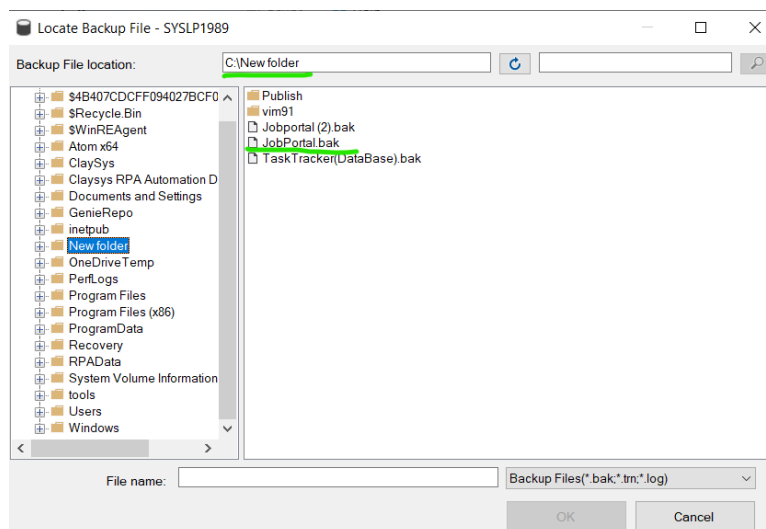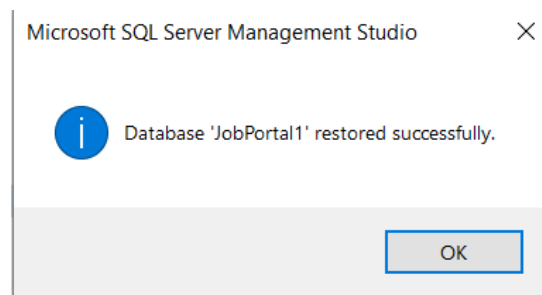
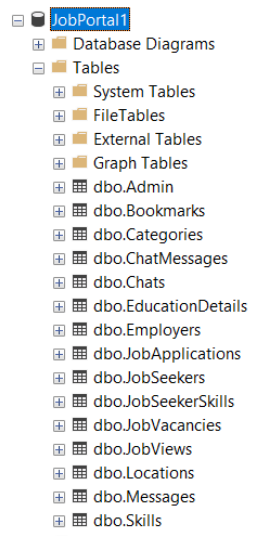Click 'OK' after database added

If the database is loaded successfully, you will get similar window

Click 'OK' , if you need another Database name you can customize that. You will get this message, If the databased added successfully

In Explorer, you can able to find the new database ,if you don't find this click the refresh button

JobPortal1
  Database Diagrams
  Tables
    System Tables
    FileTables
    External Tables
    Graph Tables
    dbo.Admin
    dbo.Bookmarks
    dbo.Categories
    dbo.ChatMessages
    dbo.Chats
    dbo.EducationDetails
    dbo.Employers
    dbo.JobApplications
    dbo.JobSeekers
    dbo.JobSeekerSkills
    dbo.JobVacancies
    dbo.JobViews
    dbo.Locations
    dbo.Messages
    dbo.Skills

YOU HAVE SUCCESSFULLY ADDED DATABASE!!

CONFIGURE THE SOLUTION

Open the **JobPortal.sln** via Visual Studio

Open the **web.config** file after project is loaded
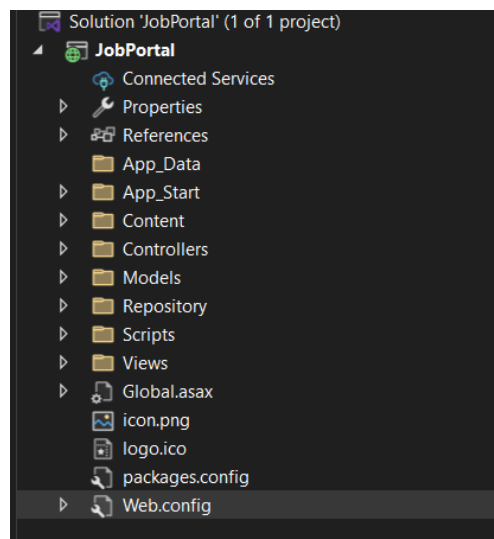
```xml
<?xml version="1.0" encoding="utf-8"?>
<!--
    For more information on how to configure your ASP.NET application, please visit
    https://go.microsoft.com/fwlink/?LinkId=301880
    -->
<configuration>
    <configSections>
        <!-- For more information on Entity Framework configuration, visit http://go.microsoft.com/fwlink/?LinkID=237468 -->
        <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection, EntityFramework, Version=6
    </configSections>
    <connectionStrings>
        <add name="mycon" connectionString="Data Source=SYSLP1989;Initial Catalog=JobPortal;Integrated Security=True;Encrypt=False" pro
    </connectionStrings>
    <appSettings>
        <add key="webpages:Version" value="3.0.0.0" />
        <add key="webpages:Enabled" value="false" />
        <add key="ClientValidationEnabled" value="true" />
        <add key="UnobtrusiveJavaScriptEnabled" value="true" />
    </appSettings>

    <system.web>
        <authentication mode="Forms">
            <forms loginUrl="/Home/Login" />
        </authentication>
        <sessionState mode="InProc" timeout="20" />
        <compilation debug="true" targetFramework="4.7.2" />
        <httpRuntime targetFramework="4.7.2" />
    </system.web>
```

you need to modify this line

DataSource = 'your sql server name'

Catalog = 'JobPortal' or custom name which you have provided during database restore

Explanation:

1. **<connectionStrings>**:
   This is the section in the configuration file where all database connection strings are defined.
2. **<add>**:
   This element represents a single connection string entry. Multiple <add> elements can be included if the application connects to different databases.
3. **Attributes in the <add> element**:
   - **name="mycon"**:
     This is the name/key of the connection string. It is used in the code to reference this specific connection.
   - **connectionString**:
     The actual connection details required to access the database. Let's break it down further:
     - **Data Source=SYSLP1989**:
       The name of the server hosting the database. Here, SYSLP1989 is likely the server's network name or instance name.
     - **Initial Catalog=JobPortal**:
       The name of the database you want to connect to, which in this case is JobPortal.
     - **Integrated Security=True**:
       Specifies that Windows Authentication will be used for the database connection

- instead of SQL Server Authentication. The application will use the Windows credentials of the user running the app.
  - **Encrypt=False**:
    Indicates whether data transmitted between the application and database should be encrypted. Setting it to False disables encryption.
- **providerName="System.Data.SqlClient"**:
  Specifies the .NET Framework data provider used for database communication. System.Data.SqlClient is the provider for SQL Server.

Start the project
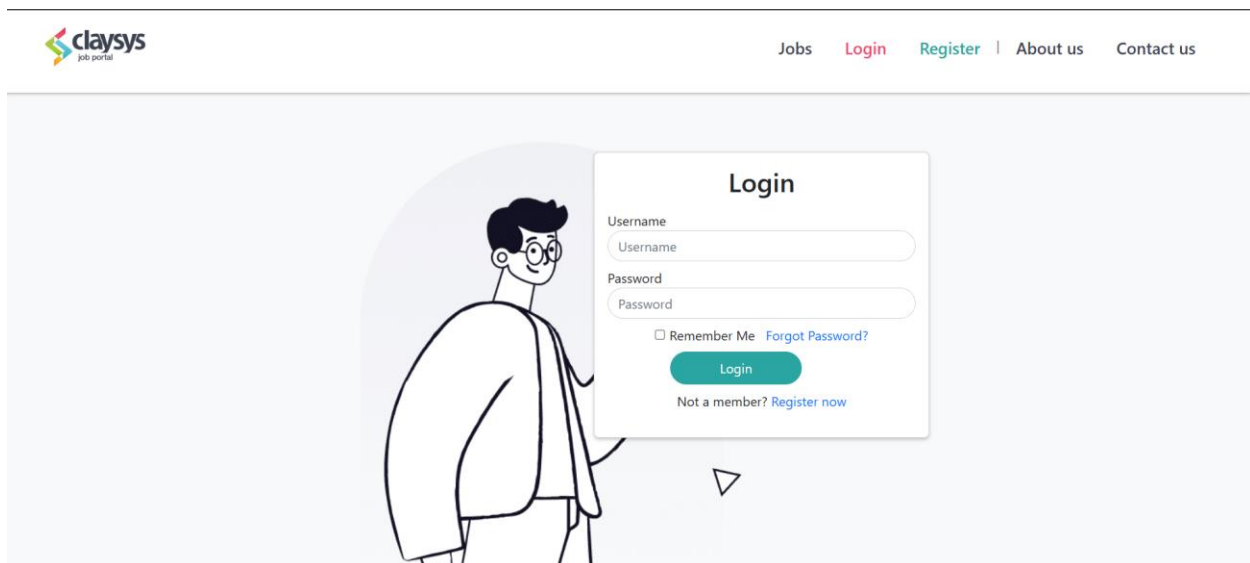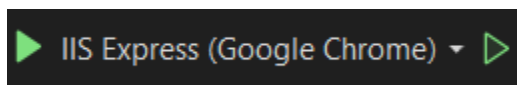
This project will have 3 users

1.Admin

2.Job Seeker

3.Employer

All three users will use the same login page

User credentials

Admin

1.

- o Username: admin
- o Password: Admin@123

2.

- o Username: admin2
- o Password: admin2

JobSeeker

1.

- o Username: gopu
- o Password: Gopu@123

2.

- o Username: john
- o Password: John@123

Employer

1.

- o Username: microsoft
- o Password: Microsoft@123

2.

- o Username: amazon
- o Password: Amazon@123

https://localhost:XXXX/Home/Jobs

You will not able to see any jobs , because old jobs will be not displayed after Deadline date,either you can add new job or modify existing jobs last date in database (table : **JobVacancies**)

VacancyID	EmployerID	JobTitle	Description	CategoryID	Location	Salary	Employme...	ApplicationDeadline	IsPublished
2	5	Software En...	...	2	Kochi	45000.00	Full time	2023-10-16 00:00:00.0000...	True
3	5	Technical Su...	...	2	Kottaym	98787.00	Full Time	2023-11-02 00:00:00.0000...	True
4	13	Python Dev...	As a Pyth...	4	Kochi	12000.00	Full Time	2023-10-17 00:00:00.0000...	True
5	14	ASP.NET C#...	...	3	Goa	45000.00	Remote	2023-10-28 00:00:00.0000...	True
6	13	Java develo...	One of our ...	3	Mumbai	30000.00	Full time	2023-10-24 00:00:00.0000...	True
7	15	Software En...	...	2	Thiruvanant...	25000.00	Remote	2024-04-18 00:00:00.0000...	True
8	5	C++ Develo...	...	2	Banglore	20000.00	Full Time	2023-10-31 00:00:00.0000...	True
9	15	Jr.DevOps	...	10	Kochi	25000.00	Full Time	2024-04-26 00:00:00.0000...	True
10	5	Agile Team ...	As a Softwa...	2	Kochi	15000.00	Full Time	2023-10-31 00:00:00.0000...	True
NULL	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*

After changing the date ,you will able to see the jobs in the home page