# nGenue installation and initial setup

This guide provides step-by-step instructions for installing the nGenue Desktop Application, configuring it with the nGenue database, and starting the application.

## Prerequisites

Before starting the installation, ensure the following:

* **SQL server:** Installed and accessible.
* **nGenue database Files:** Backup or scripts provided by the nGenue team.
* **nGenue application installer:** The latest version of the installer.
* **System requirements:**
  + **Operating system:** Windows 10 or later
  + **RAM:** Minimum 8 GB
  + **Disk space:** At least 20 GB free
  + .NET Framework 4.8 or higher installed

## SQL server database installation

1. **Install SQL server:**
   1. Download the SQL server installer from [Microsoft’s website](https://www.microsoft.com/sql-server).
   * Run the installer and follow these steps:
     1. Choose **New SQL server stand-alone installation**.
     + Configure **Server Type** as database engine.
     + Set up an authentication method (Windows authentication is recommended).
     + Complete the installation process.
2. **Create nGenue database:**
   1. Open SQL Server Management Studio (SSMS).
   * Connect to your SQL server instance.
   * Right-click **Databases** in the object explorer and select **Restore database**.
   * Use the provided database backup file (database.bak) to restore the database.
   * Verify the database is listed under **Databases**.

## Configuring nGenue application with nGenue database

1. **Configure database connection:**
   * Navigate to the installation folder of the nGenue application.
   * Open the config.json or appsettings.json file (or a similar configuration file).
   * Update the database connection string with your SQL server details:

* {  
   "ConnectionString": "Server=YOUR\_SERVER\_NAME;Database=nGenue;User Id=YOUR\_USERNAME;Password=YOUR\_PASSWORD;"  
  }
  + Save the file and close the editor.

1. **Verify configuration:**
   * Open a command prompt.
   * Navigate to the nGenue installation directory and run: cmd ngenue.exe --verify-config
   * Ensure the output confirms a successful connection to the database.

## Starting the nGenue application

1. Navigate to the installation directory and run ngenue.exe.
2. Log in using your credentials
3. Explore the application and ensure all features are working as expected.

## Troubleshooting

### Common issues

1. **Database connection failure:**
   * Verify the config.json or appsettings.json file for correct connection details.
   * Ensure the SQL Server is running and accessible.
2. **Missing dependencies:**
   * Ensure the .NET Framework 4.8 or higher is installed.
   * Check for missing DLLs and reinstall the application if necessary.
3. **Application crashes:**
   * Check the logs folder in the application directory for error messages.
   * Contact nGenue support with the log file for assistance.

For additional help, contact the nGenue support team at **support@ngenue.com**.