# Leihbücherei GFS

## Setup – Guide

To use the application, you first must install a PostgreSQL database. This is the guide to do that:

1. Go to <https://www.postgresql.org/download/windows/>
2. Click the Download the installer link on the website, this will open a third party website where you will find the installer exe for the database.
3. Now download the newest version of the PostgreSQL Db for Windows.
4. Open the installer exe
5. Follow the steps in the installer and use the default settings
6. You will be asked to set up a password for the database make sure to remember that as you will need that to connect to the database.

As a Tool to monitor the database and look at the tables I recommend using DBeaver, which can be downloaded here: <https://dbeaver.io/>

After the set up of the database you will have to change the connection String in the PostgresDbContext.cs file in the Project. You should only have to change the Password to the password you used.

After you changed the connection string the last thing you have to do is Migrate the database so all the tables will be created.

1. To do that open the Project in Visual Studio
2. In the upper control bar click “Extras”
3. Then select “NuGet-Packet-Manager”
4. Select “Packet-Manager-Konsole”
5. This will open a command line
6. In this command line write “Update-Database” and hit return

This will start the build and migration process when you put in the right connection string to connect to the database.

After the completion of these steps the application will be ready to go.