



Link: Technical Guide

Author:
Indie Studio .Net team

February, 2019



Technical Guide

Link has developed with Microsoft latest modern technology stack, using Asp.net core. The ASP.NET Core is a free, open-source and cloud optimized web framework which can run on Windows, Linux, or Mac. Link come with full source code, so you can customize the source code and use it as starter project.

What you will get is

- Full Source code.
- Full Database.
- Documentation guide including Business, User and Technical.
- Screenshots.

Technical Features

- Will cross platform runs on windows, Linux, mac.
- Identity Security.
- Email SMTP Email.
- Dependency Injection ASP.NET Core MVC v2.
- C#.
- EF Core / Code First.
- JQuery.
- .NET Web API.
- Bootstrap Themes.
- Responsive Design.

Development Requirements

Microsoft Asp.Net Core is Microsoft latest modern technology stack for building apps. It is simple, intuitive and very easy. The development environment:

- PC/Laptop
- Visual Studio 2017 Community Edition (FREE)
- MS SQL Express Edition (FREE)
- .NET Core 2.0 or above
- MS IIS 7/8 or above
- ASP.NET Core
- MVC 2.0 or above



Browser Support

Link Social Network supports major modern browsers like Chrome, Safari, Internet Explorer, and Firefox

- IE 8+
- Chrome
- Firefox 3+
- Opera 11+
- Safari 5+

Running the Projects

1. Unzip Solution
2. Open the project using Visual Studio
3. Change Connection string of database: Open appsettings.json file and change the following tag:
 - a. ConnectionStrings tag as below:
 - i. **Server:** your server name
 - ii. **Database:** your database name
 - iii. **user id:** your username
 - iv. **password:** your password
 - b. EmailSettings tag:
 - i. **SmtpServer:** smtp.gmail.com
 - ii. **Port:** for example Gmail SMTP port (TLS): 587 or Gmail SMTP port (SSL): 465
 - iii. **EnableSsl:**true when port is 465.
 - iv. **UserName:** your email, for example: Your Gmail address (e.g. example@gmail.com).
 - v. **Password:** your email password. For example Your Gmail password.
 - vi. **IsBodyHtml:** true
4. Run the code first migration script via package manager console “update-database”
5. Run website and login with default account:
 - a. **Username:** link@link.com
 - b. **Password:** ADMIN



Installation on IIS

1. Unzip Publish File
2. Change Connection string of database: Open appsettings.json file and change the following tag:
 - a. ConnectionStrings tag as below:
 - i. **Server:** your server name
 - ii. **Database:** your database name
 - iii. **user id:** your username
 - iv. **password:** your password
 - b. EmailSettings tag:
 - i. **SmtpServer:** smtp.gmail.com
 - ii. **Port:** for example Gmail SMTP port (TLS): 587 or Gmail SMTP port (SSL): 465
 - iii. **EnableSsl:**true when port is 465.
 - iv. **UserName:** your email, for example: Your Gmail address (e.g. example@gmail.com).
 - v. **Password:** your email password. For example Your Gmail password.
 - vi. **IsBodyHtml:** true
3. Transfer the published project files into a folder in the server machine
4. Install IIS in your server machine
5. Paste published project In IIS wwwroot directory
6. Install ASP.NET Core hosting bundle for Windows (with correct version);
7. Create a new web site in the IIS and target the published files; and
8. Run the app

For more information about host and deploy ASP.NET Core please see the below link:
<https://devblogs.microsoft.com/aspnet/development-time-iis-support-for-asp-net-core-applications/>

Support

We aim to help our clients if they need additional information about the Link Social Network features or have any unresolved difficulties with it. So if you have any questions, suggestions or problems do not hesitate to contact us on envato@indiestd.com, and we would be happy to listen to you.