



# My Blog

This repository contains the source code for my personal blog, which uses ASP.NET Core as backend and React.js as frontend. The blog allows users to create an article writing it directly on the web page in Markdown format, or by uploading an existing Markdown file. Access the website at <https://myblog20230101.azurewebsites.net/>




 Kun's Blog

[Home](#) [About](#) a13254



Kun

Balance and Moderation

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Create New

## Stocks with Five-letter Tickers

2022-11-17

137

Investment

List of common stocks with five-letter tickers listed by NYSE, NASDAQ and CBOE (BATS), excluding:

- warrants, tradable rights, units and preferred shares
- common stock tickers containing punctuations, like "BRK.B"

[More...](#)

## About the Blog

2022-11-17

109

React

ASP.NET Core

This blog allows users (me) to post articles using Markdown format. Users can create a new article either by writing it directly on the blog or from an existing md file in a local disk. A markdown preview is provided alongside with the markdown input. Markdown image syntax is supported. The blog is developed with React as frontend and ASP.NET Core as backend.

[More...](#)

## Getting Started

Clone the repository and run in development mode in Visual Studio.

## Testing Accounts

Use the following accounts to log in. An administrator user can create or update products while a normal user cannot.

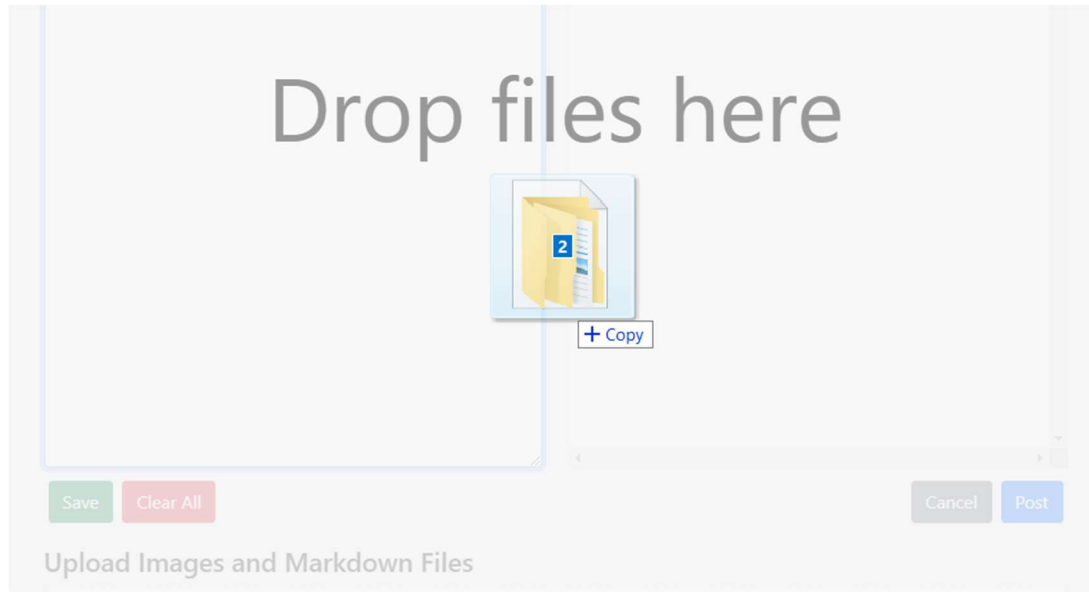
Username	Email	Password	Role
a	a@a.com	Zk000000!	User
admin	admin@a.com	Zk000000!	Administrator

## Description

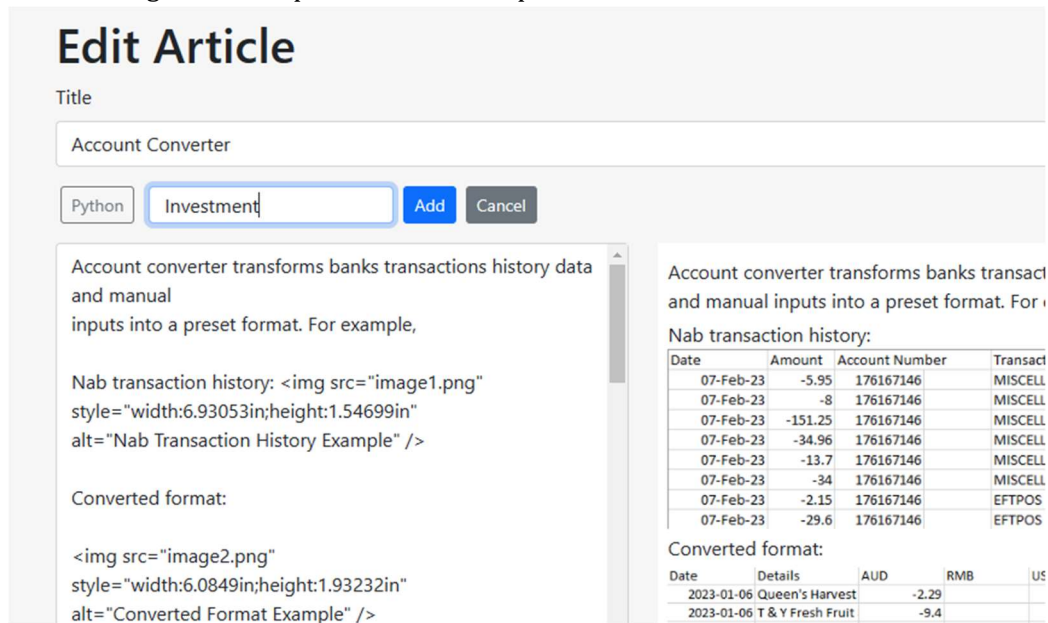
### Create and Edit Articles

To easily create or edit an article, a user can follow the steps below:

1. Log into the application and go to Create or Edit page.
2. Drag Markdown file AND images folder together and drop onto the page.



3. When texts and images are uploaded, click an image's names, the corresponding markdown for inserting the image will be copied onto users' clipboard.



## Markdown Format

GitHub Flavored Markdown (gfm) is chosen as the dialect for Markdown format. Code snippets, math equations and raw html tags are also supported.

## Other Features

- Users can download written markdown text by clicking “Save” button.
- Clicking image names copy image name in markdown format, such as `![example_1]( example_1.png)`, to clipboard.
- Abstract of articles are loaded and displayed initially, full articles can be fetched and displayed by clicking “more” button. The full articles can be collapsed.
- Clicking tags will filter articles by tags’ names.
- Clicking sidebar’s email address will copy it to clipboard.
- Users can choose to be “stayed logged in.”

## Technologies Used

Backend - ASP.NET Core

Frontend - React Typescript with

- react-dropzone
- react-markdown
- React Router
- reactstrap
- rehype
- remark
- highlight.js