# User Guide

## Basics

If you are reading this document, you have probably already installed or found an installation of the program. If you have not read through and done the steps from **System Setup** and **Usage** sections in the readme, read them first. It gives a fairly comprehensive explanation of how to start using the program.

To learn how to use the settings file, read the explanations and experiment with the sample settings in settings.txt. For an in depth explanation of the quirks of each setting and exactly what they do, read docs/Settings.pdf.

## Spyder Alternatives

The readme primarily targets Spyder users, running the program though Spyder.

If you dislike using Spyder for whatever reason, the program can be run from command lines other than Spyder console. Visual Studio Code terminal, windows command prompt, as well as macOS terminal have all successfully run it. Other command line variants will probably work but have not been tested.

To use, navigate to the program directory, then run `python app.py`. This will use the settings file as the user input to the program.

## Settings Alternatives

The readme primarily mentions using settings.txt as the method for users to change how the program runs.

We can also specify command line arguments.  In Spyder, this can be done by adding `args="[args]"` to the runfile command in the console.

```
e.g runfile('<higher path>/automated-plan-checking/app.py', wdir='<higher path>/automated-plan-checking', args='
--help')
```

This can be done in command lines by simply writing the flag and arguments after `python app.py`.

e.g. `python app.py --help`

In the examples above, the --help argument is specified. It will make the program print out a help message describing and explaining all the args instead of running as usual. Try it out to find out what args are available and how they are specified. Each arg will show it's short form and long form, then what values should be provided. Square brackets indicate values inside are optional, and ellipses (...) indicate more and more values can be added for that arg.

Both slash and back slash can be used in file path: "F:/file; F:\file".