# TTKD Student Management System User Guide

# Installation

- 1. You should already be in possession of a file named "ttkd.zip". This contains the entire student management system project. Right-click the file and click Extract All.
- 2. We highly recommend moving the newly extracted "ttkd" folder to your user directory (e.g. C:\Users\<your user>)
- 3. This will extract the file into a folder called 'ttkd'. Open the folder, and open the dist folder within. For first time setup only or in the case you have to re-setup the project, double click the "initialSetup" executable file. This will create the database, as well as load in the data from the "data.json" file provided to you within the zip. This will create a snapshot of the system from the old student management system. The initialSetup script will also add a shortcut to your windows Startup folder so the application will start automatically once the computer is booted.
- 4. To start the project, double click the "start" executable file.
- 5. When prompted to allow the app past your firewall, select only the "Private networks" checkbox and click Allow access. This should look like so:

🔗 Windows Sec	curity Alert	LEWSENS LEE TRUCKS AND THE	×
💮 Winde	ows Firewa	l has blocked some features of this app	
Windows Firewall	has blocked som	e features of Python on all public and private networks.	
	Name:	Python	
	Publisher:	Python Software Foundation	
	Path:	C:\users\mdw73\ttkd test deploy\dist\python-3.5.2- embed-amd64\python.exe	
Allow Python to co	ommunicate on t	nese networks:	
Private net	works, such as r	ny home or work network	
Public netw because the	orks, such as th ese networks of	ose in airports and coffee shops (not recommended ten have little or no security)	
What are the risks	s of allowing an a	app through a firewall?	
		Allow access Cance	

 To verify the installation and execution was successful, open a browser and enter <u>https://localhost:3000/ui/index.html</u> into your address bar, then press enter. If you see the TTKD dashboard, then it installed successfully.

# Running

The application should start automatically with your computer. Once the application has started, you should see two icons appear in your taskbar as shown below.



It may take up to 15 seconds before you can actually view the web page. After this point, if you go to <u>https://localhost:3000/ui/index.html</u> and do not see the application, follow the following steps.

- 1. Navigate to your TTKDfolder
- 2. Run the "stop.bat" file to make sure any process trying to run the application is stopped
- 3. Run the "start.bat" file to try starting the application again

When accessing the application from a tablet, you should be able to use your PCs hostname to connect instead of the IP address. To do this, you would go to the following URL, substituting the <hostname> for your computer's hostname. See the Hostname Configuration section for how to find out what this is.

The URL to access the application from a tablet looks like the following, with your computer's hostname in place of "<hostname>".

```
https://<hostname>:3000/ui/index.html
```

Once the page loads you can log in with the default credentials. These are:

- Username: admin; Password: admin
- Username: instruct; Password: admin

## Manual Configuration

#### Waiver Configuration

To change your waiver, open the file dist/static/waiver.txt in a text editor. Change the waiver as you desire. The next time you register you should see the updated waiver. You may need to clear the cache before you can see this. To do that, go to Chrome's settings, show advanced settings, and click clear browsing data. Select Clear Cache, and submit the changes.

#### App Name Configuration

To change the app name that appears in the title bar and navigation bar, open the file dist/static/js/app.js in a text editor. Press Ctrl+F and search for 'constant("companyName",'.

After this string you should see the current app name (Tioga Tae Kwon Do by default). Change this and save the file.

#### **Firewall Configuration**

The firewall should be configured when you initially run the application. However, if it has not been set, you can do the following steps.

- Search for windows firewall with advanced security
  - add inbound rule
  - Select the Port option
  - enter port "3000"
  - Click through the remaining dialog pages until the rule has been added

#### Hostname configuration

To view your system's hostname, click the search box in windows, type "System" and click the System option.

G Best match
Control panel

The "Computer Name" field is the value used as your domain name.

Computer name, domain, and workgroup settings -

Computer name:	MDW-PC	Change settings
Full computer name:	MDW-PC	
Computer description:		
Workgroup:	WORKGROUP	

To change your Computer Name, click the "Change Settings" link to the right in the screenshot above. In the dialog that opens, click "Change" to edit the Computer Name and Workgroup. **Note that the workgroup should be the same for all tablets and computers on the network in order to use the domain name.** After your domain name is configured, restart your computer. If you change your Computer Name to "TTKD", then you will be able to access the program using "<u>https://ttkd:3000/ui/index.html</u>".

### Miscellaneous

• Log files can be found in your TTKD folder. If you open the "logs/" folder then there will be a standard application log, as well as an error log. If you ever need to contact the

team or another developer with an issue, it would be helpful to send these files. It will contain any errors from the last time the application ran.

- Student pictures can be found in the \dist\static\pictures folder if you need to access a picture file directly, or view a student's previous pictures.
- Backup files that you create with the application can be found in C:\Users\<username>\ttkd\backups on the host machine, not the tablets

# Creating An Easy Desktop Shortcut

For fast access to the application we recommend creating desktop shortcuts. These are pretty easy to create in Chrome and allow you to open a page in window mode, which will slim down the browser and help keep users from leaving the page.

To create the shortcut use the following steps:

- 1. Open Chrome and navigate to the application's url (this will be either the localhost path, an ip address or a hostname path depending on where you are and what setup above you chose to do)
- 2. Navigate to settings, more tools, add to desktop, as shown here

Tioga Tae Kwon Do 🛛 🗙 🔪							0153	- 0	×	
← → C ▲ Not secure   bttps://localhost:3000,	/ui/index.html#!/importexport				\$	a 🗅 🕯	. 🚥 🤅		• :	
👯 Apps 🐈 My Courses 🔣 SIS 🛄 Trello 🔣 RIT Goog	gle Apps 📃 Job/Interview 📃 School 🛯 🧟 Google Hangos	uts 🛭 🗱 TTKD Senior Project S 🛛 🙍 Tioga Tae Kwon	Do - 1			New tab			Ctrl+T	
Tioga Tae Kwon Do						New wind New incog	ow Inito window	Ctrl+S	Ctrl+N Shift+N	
						History Download	s		Ctrl+J	•
	Backup	Restore	Export Attendance	Export Contacts		Bookmark	- 10	0% +		
	Create a restore point for the system	Restore system to an existing backup	Create a CSV for all attendance records	Create a CSV for all contacts in the system		Print Cast Find			Ctrl+P Ctrl+F	
				Save page as	Ctrl+S	More tool:			,	
	Export System			Add to desktop		Edit	Cut	Сору	Paste	
	Create an Excel file with different sheets for each database table			Clear browsing dat Extensions Task manager	a Ctrl+Shift+Del Shift+Esc	Settings Help			,	•
				Developer tools	Ctrl+Shift+I	Exit		Ctrl+S	Shift+Q	_

3. Enter a name for the shortcut and we suggest setting open as window mode if configuring for a tablet



4. One last improvement you can make for tablets is to make sure it always runs as maximized. To do this, go to your desktop and right click on the shortcut and go to properties. Then set the run drop down to maximized, as shown below. While you are here you are free to change the icon if you wish as well.

Security	Details	Previous Versions		
General	Shortcut	Compatibility		
	ioga Tae Kwon Do			
Target type:	Application			
Farget location	: Application			
[arget:	aultapp-id=nnlnhbpcpaklnmemhpiabdnkhglblfen			
Start in:	"C:\Program Files (x86)\Google\Chrome\Applicati			
Shortcut <u>k</u> ey:	None			
<u>R</u> un:	Maximized $\checkmark$			
C <u>o</u> mment:				
Open <u>File</u> L	ocation Change Ico	on A <u>d</u> vanced		

5. Our final recommendation is after using the shortcut, hit f11 to switch to fullscreen, it doesn't gain much over open as window, but it does hide the address bar entirely.

### **Password Reset**

If you have forgotten your administrator password and need to change it, you can create a new administrator account by running the "create\_user.bat" file. Simply double-click the file and follow the prompts.

# Import and Export

In order to make a complete backup of your system that can be used in a future restore, go to the Import/Export page, then click Backup. This file will be saved at the path shown in the popup on the computer running your server. In order to restore from this file, click Restore, Choose File, and navigate to the backup file. Confirm your suggestion and the database will be restored from the backup. The other export functionality on this page is for consumption only and cannot be imported back into the system.