

# FastFeet User Manual

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## INSTALLATION AND SETUP

**Software Setup** The game is installed with 2 configuration files `settings.txt` and `Arduino.json`, you can find them installed at `Documents/Github/FastFeet`.

- To configure the game *timer* or *score multiplier*, open `settings.txt` and edit the values like the following :

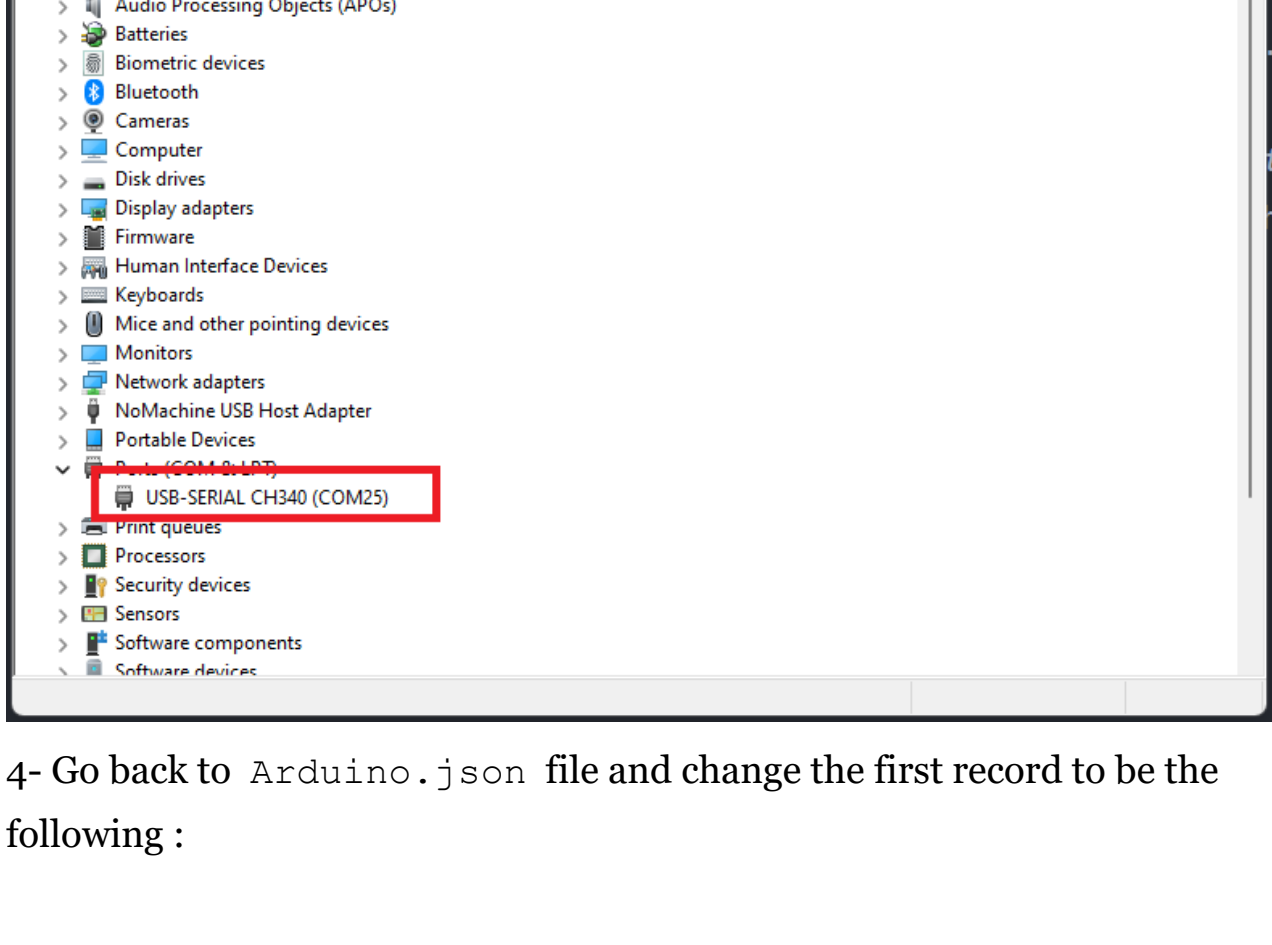
```
{
  "Timer":30,
  "ScorePerGoal":5
}
```

this will make the game run for 30seconds , and each goal scores 5 points.

- To configure the hardware sensors data, open `Arduino.json` with a text editor, and move to the `Hardware Installation` step below:

**Hardware Installation** 0- Unplug all the connected arduino sensors.

1- Connect the USB HUB to PC and PowerPlug. 2- Connect **ONLY ONE** arduino device into the USB hub. 3- Open Device Manager and take note of the Port number (i.e COM25) as shown below :



4- Go back to `Arduino.json` file and change the first record to be the following :

```
{
  "Arduinos": [
    {
      "COM": "COM25",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }, {
      "COM": "",
      "BaudRate": "9600"
    }
  ]
}
```

5- Repeat the previous 2 steps by adding an arduino sensor *ONE AT A TIME* and writing the corresponding `Port number` *In The Order From Left To Right*.

6- Save the file and restart the game, and test it by playing one game, the Lights should turn off in sequence from Left to Right.

## TROUBLESHOOTING

### Sensor Error

One or more sensor are disconnected or wrongly installed.

*Solution:*

- 1- Make sure all the hardware connections are added properly.
- 2- If everything is connected redo the setup procedure.
- 3- If the issue persists, please contact support.

### Lost Connection With Server

The game has lost connection to internet.

*Solution:*

- 1- Check that the device is connected to the internet, if not, contact the technicians responsible for the internet connection and have them fix it.
- 2- The game will restart automatically as soon as internet is connected.
- 3- If the issue persists ,contact support.

### Fetch Data Error

The game is not able to download the leaderboard list.

*Solution:*

- 1- Check that the device is connected to the internet, if not, contact the technicians responsible for the internet connection and have them fix it.
- 2- Wait for couple of seconds then press restart.
- 3- If the issue persists ,contact support.

### Upload Data Error

The game is not able to upload the player score.

*Solution:*

- 1- Check that the device is connected to the internet, if not, contact the technicians responsible for the internet connection and have them fix it.
  - 2- Wait for couple of seconds then press restart.
  - 3- If the issue persists ,contact support.
- Inform the player to try again later, because their score wasn't uploaded to the leader board.

### Player scores are incredibly High

One or more player has very huge score i.e : 100 to 900, which can be an issue with the sensors ,or game configuration settings.

*Solution:*

- 1- Check that all the sensors are not broken or deattached.
- 2- open `settings.txt` file and make sure that `scorePerGoal` is equal to 1.
- 3- Contact support if issue persists.