## **Running Backend Server:**

* Clone the repository

|  |
| --- |
| git clone https://github.com/ksharma67/EasyWay.git |

* Make sure you have MySQL installed and correctly set up.
* Create a new database in MySQL using:

|  |
| --- |
| mysql -u root -p |

Enter MySQL password, then run:

|  |
| --- |
| create database easyWay; |

* Goto config.go and update your MySQL password

|  |
| --- |
| cd server/config/ code config.go |

* Now navigate to the server folder and run go server:

|  |
| --- |
| cd ./server/ go run main.go |

Ignore any errors as it will check for required data tables (show the error), then automatically create the data tables.

## **Running Backend Object Detection Server:**

* Clone the repository

|  |
| --- |
| git clone https://github.com/ksharma67/EasyWay.git |

* Now navigate to the server folder:

|  |
| --- |
| cd ./server/ |

* Install the required libraries:

|  |
| --- |
| # TensorFlow CPU  pip install -r requirements.txt  # TensorFlow GPU  pip install -r requirements-gpu.txt |

* For Linux: Let's download official yolov3 weights pre-trained on the COCO dataset

|  |
| --- |
| # Downloading yolov3 weights  wget https://pjreddie.com/media/files/yolov3.weights -O weights/yolov3.weights |

* Load the weights using `load\_weights.py` script. This will convert the yolov3 weights into TensorFlow .ckpt model files!

|  |
| --- |
| # Loading yolov3 weights  python load\_weights.py |

* Starting Flask Server

|  |
| --- |
| python app.py |

## **Running Frontend Server:**

* Clone the repository

|  |
| --- |
| git clone https://github.com/ksharma67/EasyWay.git |

* Install NodeJS LTS version from <https://nodejs.org/en/> for your Operating System.
* Navigate to the client folder and install required libraries:

|  |
| --- |
| cd ./client/ npm install |

* In case of any error run audit and install once more:

|  |
| --- |
| npm audit fix --force && npm install |

* Run the Angular Server:

|  |
| --- |
| npm start |