PROJECT DEVELOPMENT PHASE PROJECT DEVELOPMENT – DELIVERY OF SPRINT II

DATE	16 November 2022
TEAM ID	PNT2022TMID47699
PROJECT NAME	Project – Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies

IMAGE PREPROCESSING:

#Import The ImageDataGenerator Library:

```
# Import required lib
from tensorflow.keras.preprocessing.image import ImageDataGenerator
```

#Configure ImageDataGenerator Class:

Creating augmentation on testing variable test_datagen = ImageDataGenerator(rescale=1./255)

#Apply ImageDataGenerator Functionality To Trainset And Testset:

For Body Damage:

For Level Damage:

```
# Passing training data to train variable for body

x_train = train_datagen.flow_from_directory('/content/damage

vehicle/level/training', target_size=(224,224),

class_mode='categorical',

batch_size=10)
```