PHOTOREALISTIC IMAGE SYNTHESIS FROM TEXT DESCRIPTION USING MACHINE LEARNING

Batch 5

Project guide

Mrs. T. P. Kamatchi

Date:

Project members

N. M. Hariharan (15DC05)

R. Jeevananthan (15DC06)

S. Praneet (15DC17)

P. Yathinder (15DC27)

Modules:

- Learning Python, Machine Learning and Tensorflow
- Collection of the training and testing dataset
- Developing the sGAN machine learning model
- Training the sGAN machine learning model with the training dataset and optimization of the model
- Testing the sGAN machine learning model with the testing dataset
- Mini project report preparation
- Project report preparation

PHASE 1:

Duration	Modules
July	Learning Python, Machine Learning / Chapter 1 - Introduction
August	Learning Tensorflow / Chapter 2 - Literature Survey, Chapter 3 - System study and analysis
September	Collection of the training and testing dataset and beginning of the development phase of the sGAN machine learning model / Chapter 4 - System development, Chapter 5 - System implementation
October	Developing the sGAN machine learning model / Chapter 6 - Testing and experimental result

PHASE 2:

November	Final development phase of the sGAN machine learning model. / Chapter 1 - Introduction, Chapter 2 - Literature survey
December	Optimization of the sGAN machine learning model and its performance / Chapter 3 - System study and analysis, Chapter 4 - System Development
January	Training the model with the training dataset / Chapter 5 - System implementation
February	Testing the model with the testing dataset / Chapter 6 - Testing and experimental result.

Project Guide Signature