MADANAPALLE INSTITUTE OF TECHNOLOGY &SCIENCE (UG -AUTONOMUS)

PROJECT TITLE

VIRTUAL PERSONAL ASSISTANT

Abstract:

In this modern era, day to day life became smarter and interlinked with technology. We already know some voice assistance like google, Siri. etc. Now in our voice assistance system, it can act as a basic medical prescriber, daily schedule reminder, note writer, calculator and a search tool. This project works on voice input and give output through voice and displays the text on the screen. The main agenda of our voice assistance makes people smart and give instant and computed results. Natural Language Processing algorithm helps computer machines to engage in communication using natural human language in many forms.

GUIDE SIGNATURE

TEAM MEMBERS

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PROJECT COORDINATOR SIGNATURE

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UG -AUTONOMUS)

PROJECT TITLE

FLOWER CLASSFICATION USING TRANSFER LEARNING

Abstract:

Deep learning technologies have been successful in many fields in recent years. Image classification problem is one of the areas where the use of the results is successful. The study draws attention to the use of pretrained models in problem solving. With the approach called transfer learning, frequently used pretrained deep learning models such as Alex net, Google net, VGG16, Dense Net and Res Net are used for image classification. The results show that the models used achieve acceptable performance rates while the highest performance is achieved with the VGG16 model. Our main aim of the project is to provide an ideal solution for identifying the different flowers with different names by using deep learning. Deep learning is a type of machine learning and artificial intelligence (AI) that imitates the way humans gain certain types of knowledge. Deep learning is an important element of data science, which includes statistics and predictive modelling. It is extremely beneficial to data scientists who are tasked with collecting, analyzing and interpreting large amounts of data; deep learning makes this process faster and easier.

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