**MINI PROJECT – II**

**(2019-2020)**

# Pokemon Classification

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**SYNOPSIS**



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## Supervised By

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**Name/Title of the project**

Pokemon Classification

**Problem Statement**

In todays era there are lot many games which are based on machine learning and attain maximum efficiency. In this we have also a method to classify different species which are used in famous games Pokemon go and keeping in mind to avoid over fitting.

**Reason for selecting the topic**

Due to increase of mobile games which are totally depend upon Machine Learning. Today’s youth is just crazy which connect them to real life and has minimum error and with such a huge amount of data they do not occur error.

**Objectives of the project**

The project aims at using state of the art machine learning algorithms for classifying pictures of Pokemon. The pictures belong to three specific type of Pokemon (Pikachu, Butterfree, Ditto) The project also uses a neural netwok to avoid overfitting.

**Literature Survey/Feasibility Study**

Young children may benefit from the incorporation of devices and game applications with use of their inhalers. Feedback from children and parents suggests potential benefits to children may include learning correct use, reducing distress and anxiety and improving overall adherence.

**Future Scope**

This will help a lot more in society in many different ways:

1. Various pictures recognition.
2. Game development.

**Methodology**

We are creating different files which consists many images of Pikachu, Butterfree, Ditto at different angles and different size so that the data content adequate amount of photographs so that it efficiency can be up to maximum

**Hardware and Software to be used**

1. *Hardware****:***

NO hardware required.

1. *Software*:

* Jupyter Ide

**Testing technologies to be used**

* *Smartphone*

**What contribution would the project make and where?**

The project will contribute in the field of Machine learning in recognition of different pictures and developing different mobile games.

**Scope for extension into a major project**

*Things that can be added to extend this project into a major one:*

1. Various pictures recognition.
2. Game development.