**EXISTING SYSTEM**

Convolutional neural systems (CNN) have been generally utilized in programmed picture classiﬁcation frameworks. As a rule, highlights from the top layer of the CNN are used for classiﬁcation; be that as it may, those highlights may not contain enough valuable data to foresee a picture effectively. Now and again, highlights from the lower layer convey more discriminative force than those from the top. Along these lines, applying highlights from a speciﬁc layer just to classiﬁcation is by all accounts a procedure that doesn't use took in CNN's potential discriminant capacity to its full degree. This intrinsic property prompts the requirement for combination of highlights from various layers.

**PROPOSED SYSTEM**

We propose a strategy for consolidating highlights from different layers in given CNN models. In addition, effectively learned CNN models with preparing pictures are reused to separate highlights from numerous layers. The proposed combination strategy is assessed by picture classiﬁcation benchmark informational indexes, CIFAR-10, NORB, and SVHN. In all cases, we show that the proposed strategy improves the detailed exhibitions of the current models by 0.38%, 3.22% and 0.13%, separately.