



# Dayananda Sagar College Of Engineering

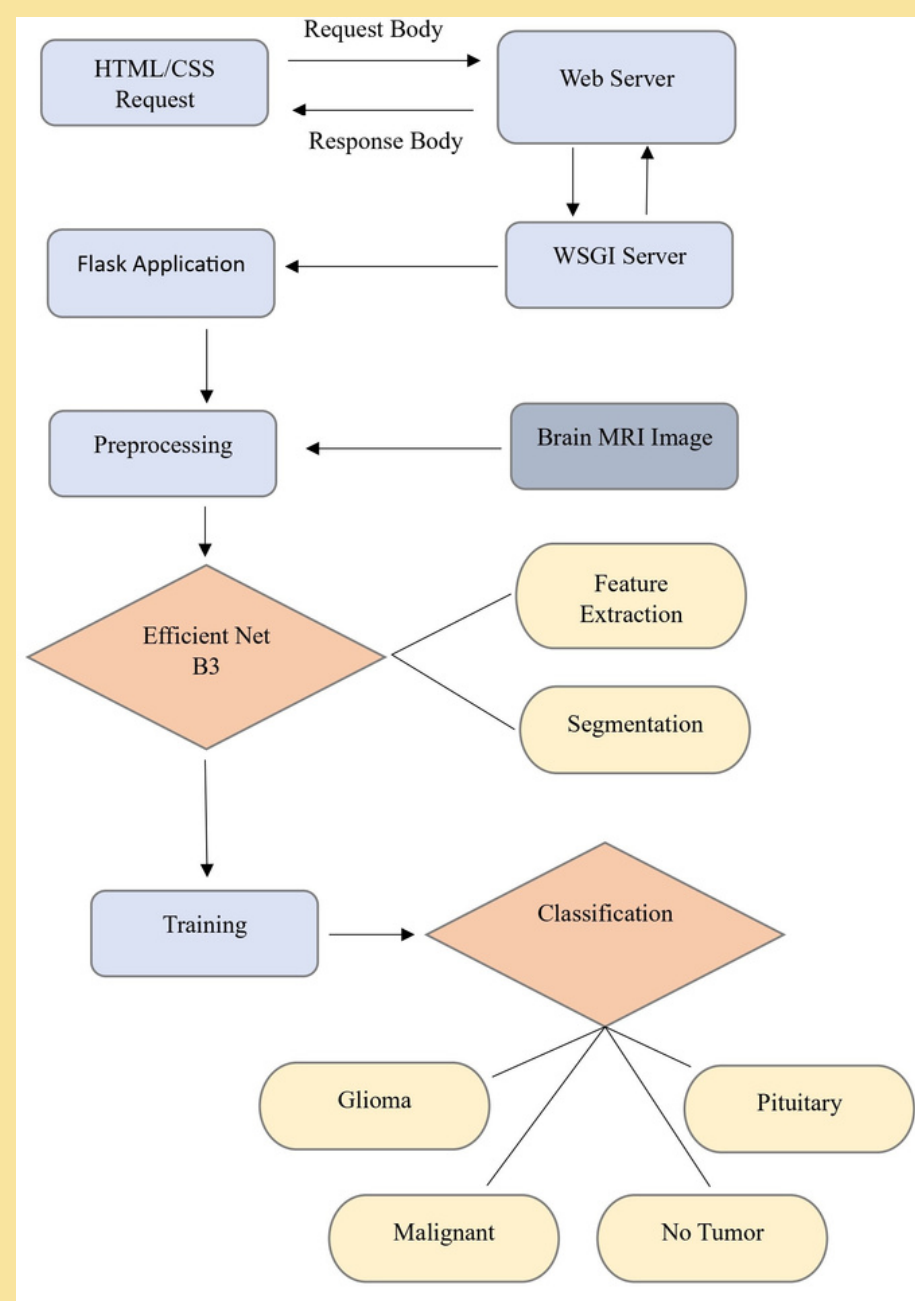
Department Of Computer Science & Engineering

## Neurological Diagnosis of Brain Tumor

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**Guided By: Prof. Keerthi S**  
**Designation: Assistant Professor**

### Architecture

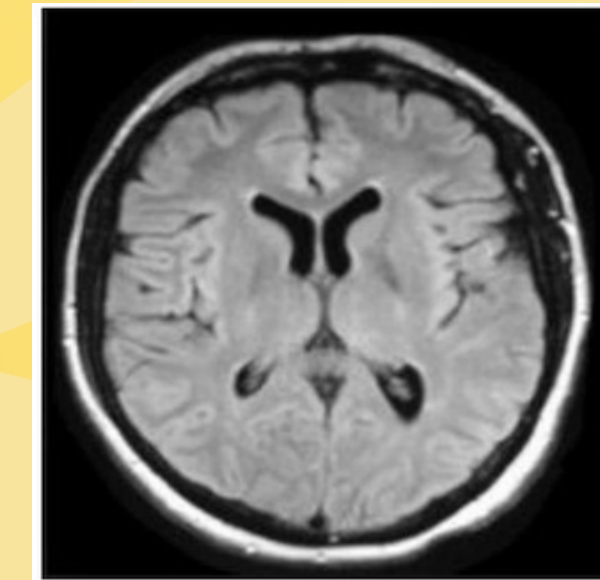


### Features

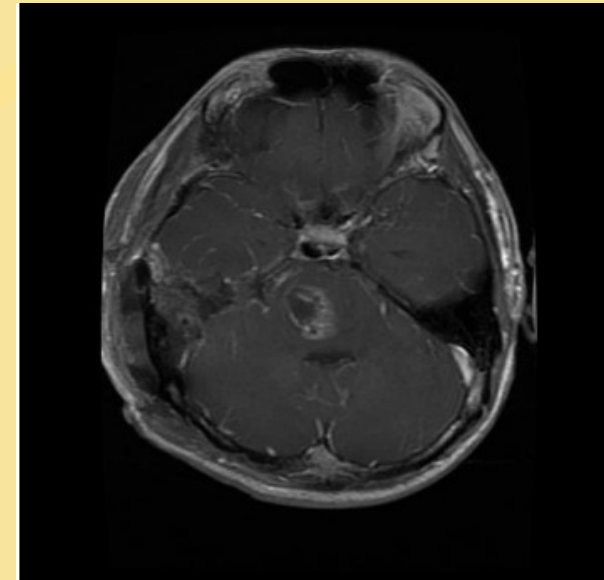
1. A one stop web solution for the doctors to get the brain tumor prediction from MRI
2. Avoids the use of gadolinium during the MRI scans
3. CNN reduces the much of computation time
4. Doctors can login and upload the MRI image to get the results as well as the treatment suggestions

### Outcome

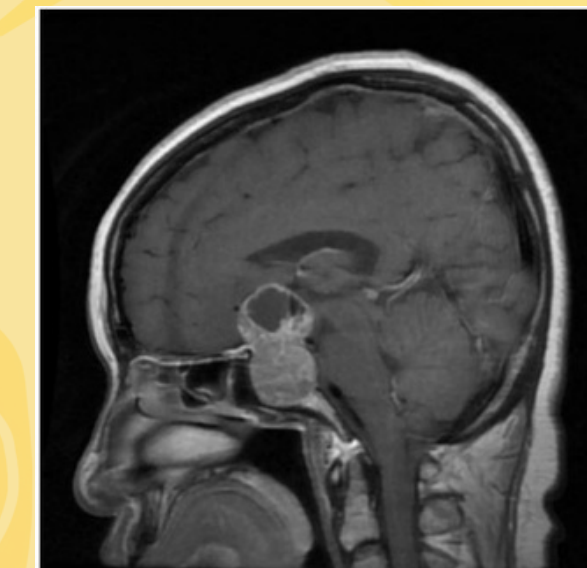
Use of huge dataset and training the model using transfer learning contributes to the part of achieving the greater accuracy in prediction. More than 98% of accuracy has been achieved using the deep learning technique. This early diagnosis helps in saving the lives of people.



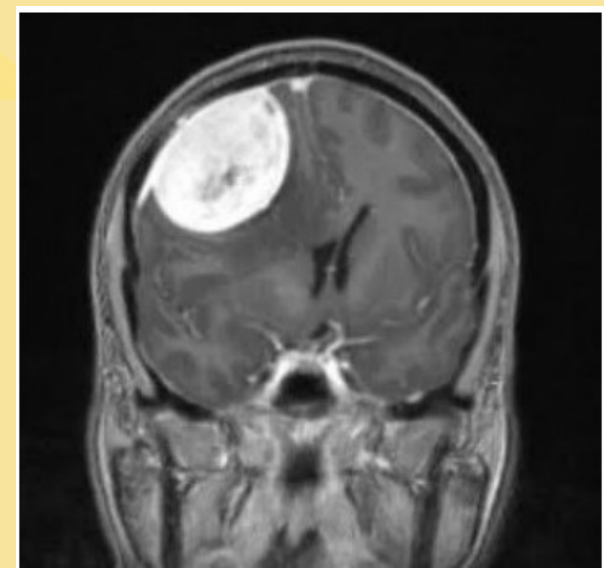
**No Tumor**



**Meningioma**



**Pituitary**



**Glioma**

