

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 4 Date:\_

Title of Project: OMAD Time: -

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| **Sr.No** | **Sap id** | **Name of the Students** | **Signature** |
| 1 | 60017210016 | Abhay Mathur |  |
| 2 | 60017210019 | Mahir Madhani |  |
| 3 | 600172100 | Darsh Thakkar |  |
| 4 | 600172100 | Omar Shaikh |  |

To be filled by Students only

Activities Completed this week:

**Literature Survey Week 2**

We found a research paper using Convolutional Neural Networks with TensorFlow. We implemented this model with a small brain MRI database and were able to get predictions with high accuracy and minimum errors.

Project Status: \_\_\_\_\_\_\_\_\_\_

**Major Issues:** On consulting with our guide, we realised that this method was used back in 2016 and there were much better models for segmentation

**Next Week Plan:** Conducting more research on the segmentation of brain tumours by reviewing more research papers with better and more updated models than CNN.

**Project Guide Remark:** Excellent ⧠ Good ⧠ Satisfactory ⧠ Not Satisfactory ⧠

Comment by Guide:

Project Guide Name & Signature: