

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 5 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 came across instant segmentation techniques in the context of brain tumour detection and boundary creation which have witnessed significant advancements. This proves effective in segmenting or separating the tumour from the rest of the brain.

We came across segmentation models like U-Net, Mask R-CNN etc.

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

Major Issues: We faced issues with Memory Usage, Overfitting and Optimization while using U-net as the database for ideal detection and segmentation has to be extensive.

Next Week Plan: Review more research papers with updated models and methods

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

Comment by Guide:

Project Guide Name & Signature: