

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 14 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:

**YOLOv8 segmentation model on the BraTS 2020**

We tried to train the YOLOv8 segmentation model on the BraTS 2020 dataset but we ran into the issue of lack of space and computational power so we decided to do manual fragmentation of the dataset into smaller batches and we tried training out model on the first 50 images of the BraTS 2020 dataset only but we still couldn’t train the model due to lack of an efficient GPU.

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

Major Issues: We tried to train our YOLOv8 model on the BraTS 2020 dataset but we realized that we do not have enough computational power even with the T4 GPU on Google Colab to train the 7GB Brats dataset. We do not even have the cloud space to store the 7GB dataset on Google Drive to run it on Google Colab.

**Next Week Plan:** To consult our guide and ask them for advice on how to move forward with our project now.

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

Comment by Guide:

Project Guide Name & Signature: