

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 9 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:

**Experimenting with YOLOv8.**

We found that YOLOv8 is not just an object detection model but can also be used for instance segmentation. It can also be trained on a custom dataset. We decided to look for good datasets to train our YOLOv8 model on. We also read up on the documentation of YOLOv8 from the ultralytics website to learn how to train this model.

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

Major Issues: Learning the syntax using the documentation of YOLOv8 took a lot of time and effort.

Next Week Plan:  We plan to secure a comprehensive brain tumor detection dataset. Our goal is to obtain diverse medical images encompassing various tumor types, stages, and sizes.

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

Comment by Guide:

Project Guide Name & Signature: