

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 1 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:

**Research on Brain Tumour Detection**

We started by doing research on Brain Tumours and how they can be scanned using MRI and CT technology. We found various sources discussing the reasons why Brain Tumours are caused. We explored diverse literature to understand the causative factors behind brain tumours and extensively studied various tumour types, focusing on their distinctive characteristics and conditions for malignancy.

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

Major Issues: The vastness of the subject required navigating through complex medical literature and terminology, and staying abreast of evolving research proved demanding. Synthesizing information from different sources and reconciling conflicting perspectives demanded meticulous attention.

Next Week Plan: To try and apply basic classification machine learning algorithms to a brain tumour dataset

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

Comment by Guide:

Project Guide Name & Signature: