**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 15 March 2024 |
| Team ID | 740050 |
| Project Title | YOLOChemDetect safeguarding with Automated Drug Name Detection |
| Maximum Marks | 5 Marks |

**Model Selection Report**

YOLOChemDetect combines YOLOv8 for fast drug name detection , ensuring accurate, real-time error prevention in healthcare workflows. This hybrid approach offers scalability, reliability, and robust automation for safeguarding against prescription errors.

**Model Selection Report:**

|  |  |
| --- | --- |
| **Model** | **Description** |
| YOLOV8 | **YOLOv8** is a state-of-the-art model optimized for real-time drug name detection in text or image datasets. Its speed and accuracy enable precise localization of drug names, making it ideal for safeguarding against prescription errors and automating healthcare workflows. |