**Kickoff Meeting Plan with Igor: MVP Light Development**  
*Accelerated Sprint Using Open-Source PTSD Datasets*

**1. Meeting Objectives**

* **Speed**: Deliver a **clinically validated MVP Light in 15 days** using hybrid data (open-source + real-world).
* **Fundraising**: Generate **preliminary results in 7 days** to secure emergency grants/seed funding.
* **Risk Mitigation**: Backup plans for hardware delays and data scarcity.

**2. Technical Adjustments for Speed**

**A. Hybrid Data Strategy**

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| **Data Source** | **Use Case** | **Timeline** |
| **DAIC-WOZ Dataset** | Pre-train voice/facial models (189 PTSD patients). | Day 1–3 |
| **Kaggle Public Dataset** | Annotate Kaggle Public Dataset |  |
| **Kyiv Military Hospital** | Validate models on 20 real patients (PCL-5 ≥ 31). | Day 10–15 |

**B. Simplified Hardware**

* **Pre-Built Kits**: Use **Raspberry Pi 5 AI Starter Kit** (€150) to save 3 days on assembly. NPU
* Use Raspberry Pi 5 with 16GB RAM, Active Cooler, 27W USB-C Power Supply
* If necessary for our AI model to enhance capacity, buy USB coral for GPU computation.
* **Cloud Backup**: Store data on AWS Frankfurt for GDPR compliance (avoid local SSDs initially).

**3. Revised 15-Day Timeline**

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| **Day** | **Task** | **Deliverable** |
| 1-3 | Download Kaggle dataset + preprocessing. | Cleaned audio/video files (Kaggle dataset). |
| 4-6 | Fine-tune Whisper (voice) and MediaPipe (face) on dataset. | TFLite models with 85% simulated accuracy. |
| 7 | Assemble Raspberry Pi + camera/micro. | Functional hardware prototype. |
| 8 | Integrate models on Raspberry Pi + cloud sync. | MVP Light v0.1 (offline/online modes). |
| 9-10 | Internal tests on Kaggle data. | Preliminary report for investors. |
| 11–12 | Real-world tests at Kyiv Hospital (N=20). | Validation vs PCL-5 (≥80% accuracy). |
| 13–15 | Finalize results + pitch deck. | Investor-ready materials. |

**4. Risk Management**

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| **Risk** | **Likelihood** | **Impact** | **Mitigation** |
| Delayed patient recruitment | High | Critical | Rely on Kaggle data for initial validation. |
| Model inaccuracy | Medium | High | Use hybrid training (Kaggle + 20 real patients). |
| Funding rejection | Medium | Critical | Target non-dilutive grants (USAID, EU4Health). |

**5. Immediate Fundraising Strategy**

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| **Day** | **Action** | **Target** |
| 3 | Submit abstract to **Horizon Europe** with DAIC-WOZ results. | €500k grant. |
| 7 | Pitch **Techstars Health Accelerator** using MVP v0.1. | €200k equity-free. |
| 10 | Demo MVP to **Bayer G4A** for corporate grant. | €100k + mentorship. |

**6. Key Deliverables**

* **Day 7**: Preliminary report (85% accuracy on DAIC-WOZ).
* **Day 15**: Clinical validation report (80%+ accuracy on real patients).
* **Day 15**: Investor pitch deck highlighting:
  + **Speed**: 15-day development cycle.
  + **Cost**: €150/device vs. €5k competitors.
  + **Scalability**: Hybrid data approach for EU/US expansion.