

Meeting Focus: Validating Logic for Requirement B6 (Automated Blood Matching)

Date: 12 February 2026

Participants:

- **Lim Jun Peng** (Account Manager, SITBeggars)
- **Brandin Sucox** (Lead for Automated Blood Matching)
- **Will Richard** (Lead for Medical Eligibility Review)
- **James Cordon** (Lead for Blood Allocation)

[Start of Transcript]

Lim Jun Peng (AM): Thanks for gathering on such short notice. We are preparing to finalize the logic for Requirement B6, the "Automated Blood Matching" engine. Before the developers lock the code, I need to confirm that the matching logic strictly follows the "First-In-First-Out" and "Urgency" rules we defined in the Statement of Work (SOW).

Brandin Sucox (Matching): Actually, Lim, I've been reviewing the specs. Simple "Urgency" sorting might be too crude. I'd like the system to use a weighted algorithm—maybe a Machine Learning model—that predicts a patient's "Survival Probability" based on historical data, rather than just their current urgency status.

James Cordon (Allocation): Brandin, if you change the matching logic now, how does that affect my Blood Allocation (Req B7) workflow? I need a clear "Yes/No" match to allocate stock. I can't wait for a probability score.

Lim Jun Peng (AM): James is right to be concerned. Brandin, moving from a "Rules-Based" engine (as agreed in the SOW) to a "Predictive ML Model" effectively changes the system from an *inventory tool* to a *medical diagnostic tool*.

Will Richard (Medical Eligibility): That's a massive liability issue. If we use an algorithm to decide who gets blood and a patient dies, we'd need HSA validation for that algorithm before we can even launch. That takes six months of auditing.

Lim Jun Peng (AM): Exactly. And with the Minister visiting in April, we cannot afford a six-month compliance audit. Here is my strategic recommendation:

1. Phase 1 (April Launch): We stick to the Predefined Compatibility Rules (ABO/Rh + Urgency) as per the current contract. This guarantees safety and hits the deadline.
2. Phase 2 (Post-Launch): We draft a Change Order to explore the "Survival Probability" AI.

Brandin Sucox (Matching): I suppose... but my leadership is expecting innovation here.

Lim Jun Peng (AM): I can help you with that. I will prepare an Executive Brief for your board. We will frame the "Rules-Based" approach not as a limitation, but as a "Safety-First Compliance Decision" to ensure immediate operational stability. This protects your reputation while keeping the project on track.

Brandin Sucox (Matching): If you can frame it that way to the Directors, then I'm on board. Let's stick to the rules-based engine for now.

Lim Jun Peng (AM): Excellent. I'll send over the B6 sign-off sheet for your signature by 5 PM.

[End of Transcript]