

| Metric                     | Result                                                                          |
|----------------------------|---------------------------------------------------------------------------------|
| Decision Speed             | 60–75% faster claim decisions due to reduced toggling and improved data access  |
| Cognitive Load Reduction   | 40% decrease in mental effort during case review (based on usability testing)   |
| Workflow Efficiency        | 3x improvement in data visibility across systems                                |
| Stakeholder Alignment      | Full buy-in from clinicians, data scientists, and engineering teams             |
| UX Strategic Influence     | Positioned UX as a critical enabler of AI adoption in clinical operations       |
| Design System Contribution | Introduced intuitive components for future AI-integrated workflows              |
| Trust in AI Facilitation   | Increased clinician confidence in AI recommendations through transparent design |
| Scalability Potential      | Framework adaptable to other high-risk clinical workflows beyond sepsis         |