

## Medical & Life Sciences

Project  
Management



Mechanical  
Engineering



Systems  
Engineering



Electrical  
Engineering



Software  
Engineering



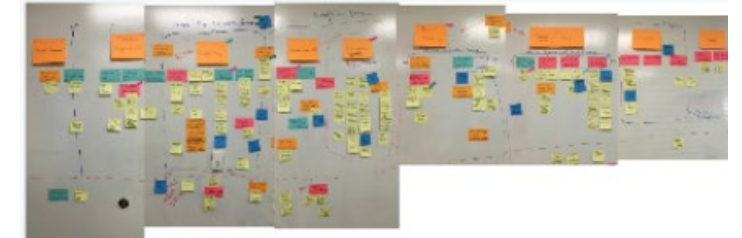
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# DEVELOP ROADMAP FOR A LABORATORY SYSTEM TO DIAGNOSE SEPSIS AND INFORM TREATMENT

## APPROACH

- On-site end-user research within clinical setting
- Led multi-day story mapping
- Concept Development and Trade Studies
- Determined user needs and product requirements
- Identified high risk technology and process steps, and mitigated with feasibility prototypes



## RESULTS

- Established base product requirements
- Minimum Viable Product (MVP)
- Multi-year Product Roadmap
- Enabled faster time to market

## KEY TECHNOLOGIES

- User-Centric Systems Engineering
- Agile-based implementation using JIRA
- Model-Based Systems Engineering (MBSE)
- Quantitative Trade Studies (Analytical Hierarchy Process)

