

How MD Anderson Advanced Cancer Research with Curefaster

Company Overview

MD Anderson is a top global leader in cancer care, research, and prevention. World-renowned for advanced research and high-quality patient care, the organization focuses on groundbreaking clinical trials and innovative solutions to combat cancer.

The Challenge

Researchers spent too much time managing data instead of performing research. Spreadsheet-based data collection and dissemination kept information siloed. Lack of standardization, validation, and audit tracking diluted data integrity. The inability to relay and analyze data across experiments hindered hypothesis generation. MD Anderson set out to improve researchers' workflow by partnering with LaunchPad Lab.

The Approach

The Department of Genitourinary Medical Oncology's laboratory generating patient-derived tumor xenograft models was becoming a research bottleneck. By focusing initial efforts there, we could make a large impact improving the research process.

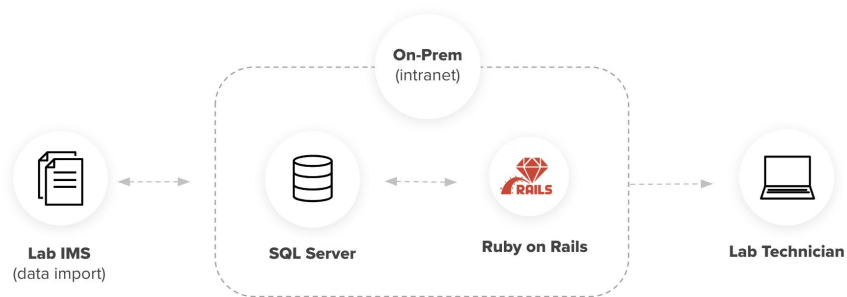
Providing researchers, scientists and doctors with a platform to input and query data was at the heart of this application. Communication and ease of use was another critical objective. In addition, the application needed to satisfy each user's needs in a centralized location. The main focus was on the interactions and immediate feedback a user received when data was input or queried. Perhaps even more important was for the app to produce accurate results, good or bad.

Pain Points

- ✗ Siloed practices
- ✗ Minimized data integrity
- ✗ Outdated workflows
- ✗ Communication gaps

Product Requirements

- ✓ Modern UX/UI
- ✓ Reliable data
- ✓ Optimize workflows
- ✓ Streamline communication



Empowering Cancer Researchers to Collect, Analyze, and Share Data Efficiently

The Solution

Curefaster is a HIPAA-compliant, data-backed, flexible web application that helps over 5,100 researchers, doctors, and clinicians collect, view, and analyze data.



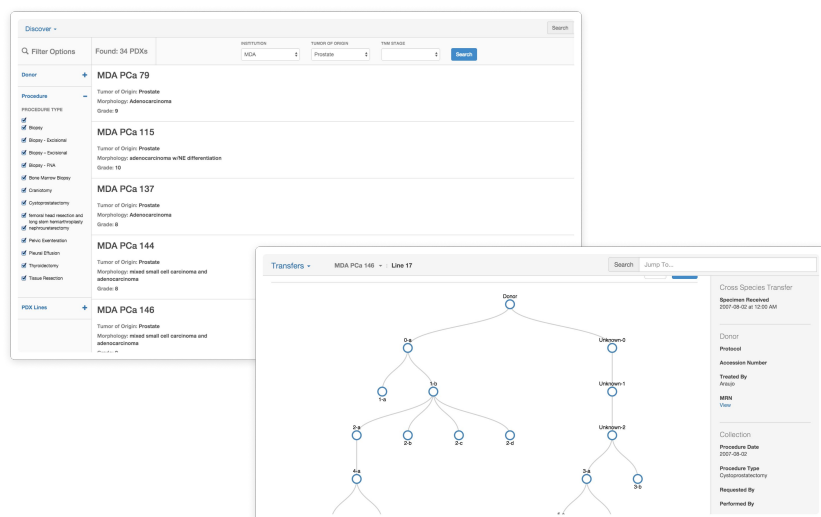
The new features include tooling for easier data analysis, simplified data acquisition, and secure storage.



There's now a single source of truth for accurate, reliable information to be shared across the organization.



Researchers can easily search, filter, and compare research alongside clinical information.



The Results

Use of the software has expanded across departments in the Division of Cancer Research at MD Anderson and other top cancer research centers in the country.

- ✓ **Optimized workflows**
- ✓ **Secure data storage**
- ✓ **Improved data integrity**
- ✓ **Streamlined communication**
- ✓ **Modern UX/UI**

“Their work with my lab team brings tears to my eyes because we can now track tissue data and focus more on finding a cure.”

—Dr. Navone

Associate Professor, Department of Genitourinary Medical Oncology

