

## Our Engagement with a Healthcare Provider on their Low Code Digital Transformation journey



### Client Overview

- The Client is a pioneer in precision healthcare with progressive research and development, proprietary technology in diagnosis. The application is a platform that facilitates interactions between physicians and patients from across hospitals, research centers, universities and advanced community sites.

### Business Challenges

- Develop a robust application with the best use of technology platforms in view of highly specialized business requirements.
- Conduct acceptance test and exploratory tests to identify bugs early.
- Quick ways to turn business requirements into live functionality.

### Indium Solution

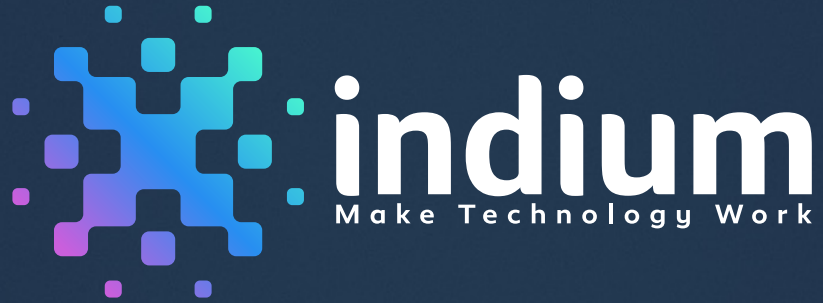
- Leveraged Mendix for end-to-end development of the platform to leverage its model-driven development feature and address scalability of the application with in-built platform features.
- Built high-level Workflow model of the application with requirements and map Workflow Requirements for development.
- Created role-based functionality (user accounts and privileges) followed by individual features (end to end functionality).
- Conducted functional and performance tests at microservice level.

### Tools



### Business Impact

- **Robust Application Development** Adoption of the application with enterprise clients and improved reach of R&D in precision medicine
- **Integrated QA** to conduct agile quality checks on the features developed for every sprint, which **reduced the number of defects** on each build
- **Performance Engineering:** Performance tests for low code efficiency and database retrieval **performance optimization** were an inclusive service provided by Indium



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