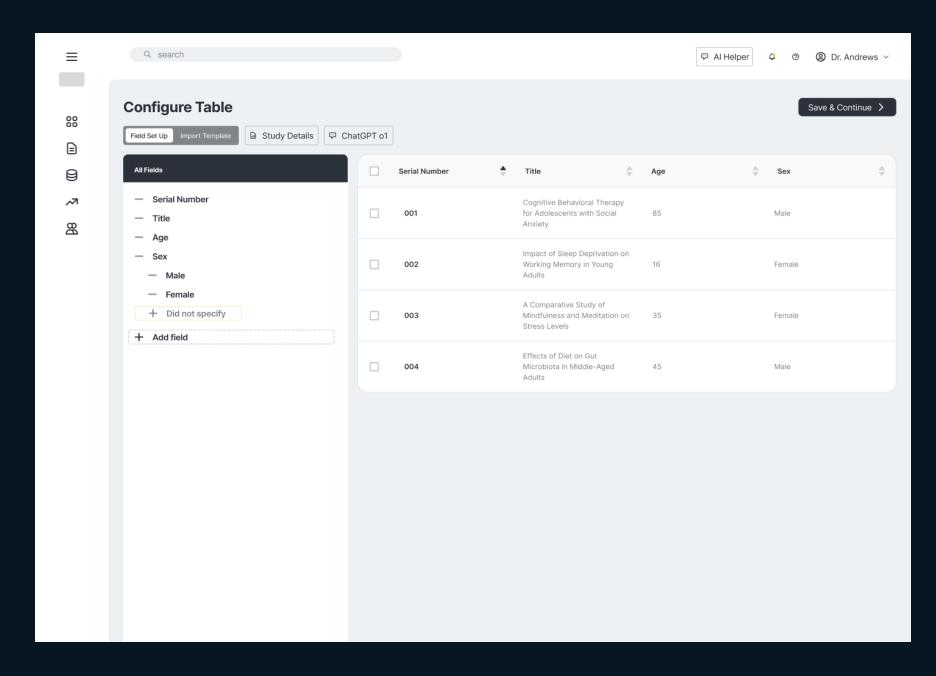
# Streamlining Data Extraction in Living Systematic Reviews



Redesigning the LSR Platform with AI Integration

## The Challenge: Complex LSR Tools

#### Cluttered & Complex

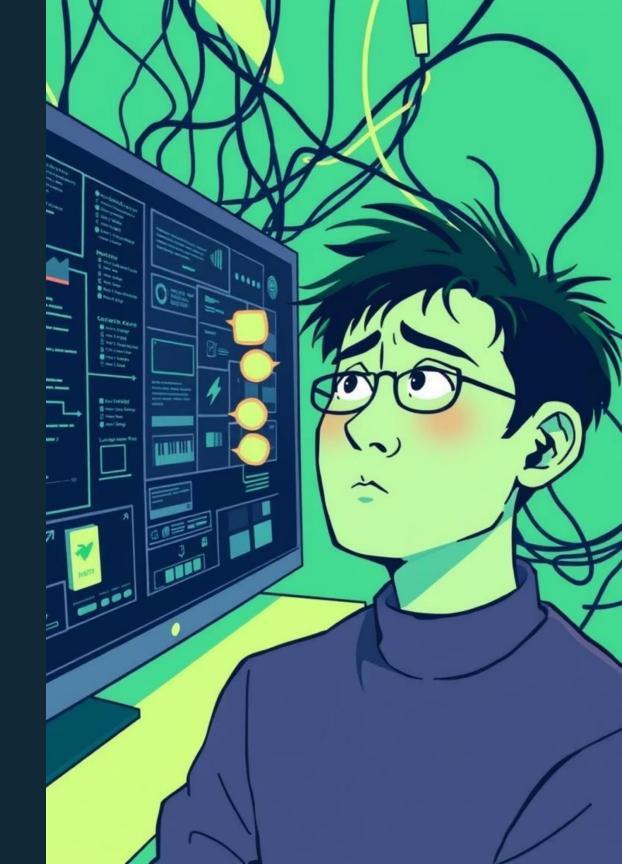
Current LSR tools are often cluttered, leading to steep learning curves and cognitive overload for users.

## Lack of Al Transparency

Existing platforms lack clear, transparent AI support, making it difficult to trust automated processes.

## Limited Collaboration

Poor onboarding guidance and insufficient collaboration features hinder team efficiency and productivity.





## Our Solution: A Clean, Al-Augmented Platform



#### Modular Design

A clean, modular platform simplifies navigation and user experience.



### Role-Based Dashboards

Personalized dashboards offer clear workflow visibility for different roles.



### Transparent Al

Al assistance is integrated with full transparency and human control.

## Our Design Journey: The Double Diamond

01

#### Discover

Initial research and problem framing to understand user needs and pain points.

02

#### Define

Creating user personas and mapping out comprehensive user journeys.

03

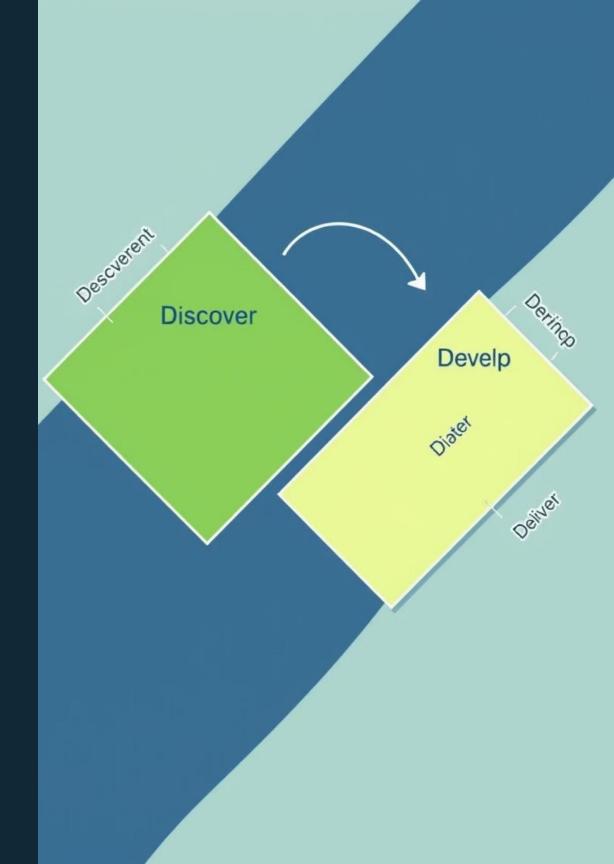
#### Develop

Iterative wireframing and prototyping to explore various design solutions.

04

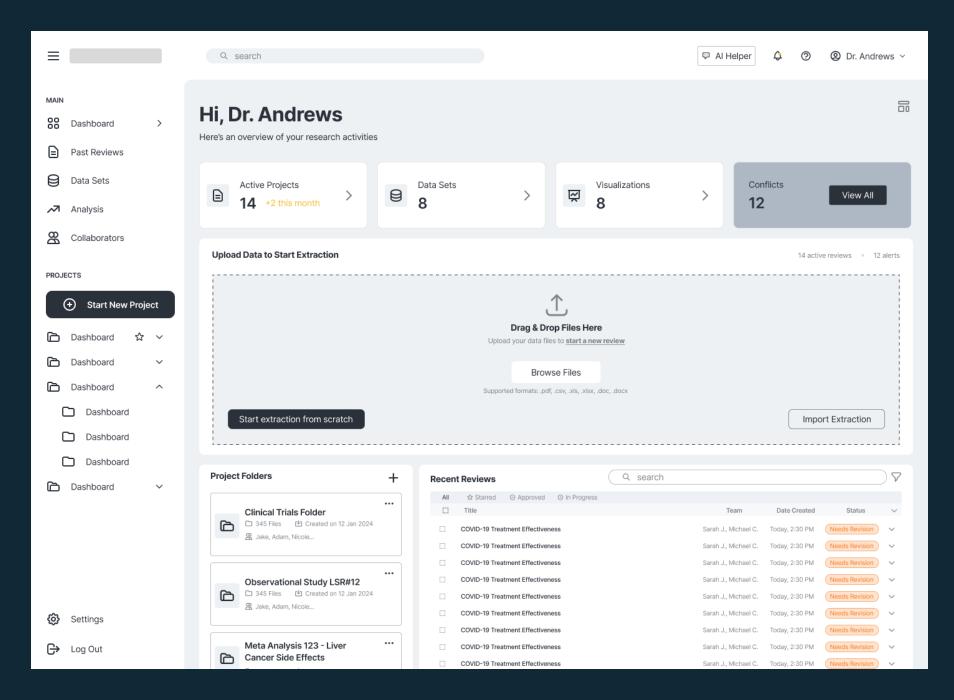
#### Deliver

Finalizing high-fidelity UI designs for the new LSR platform.



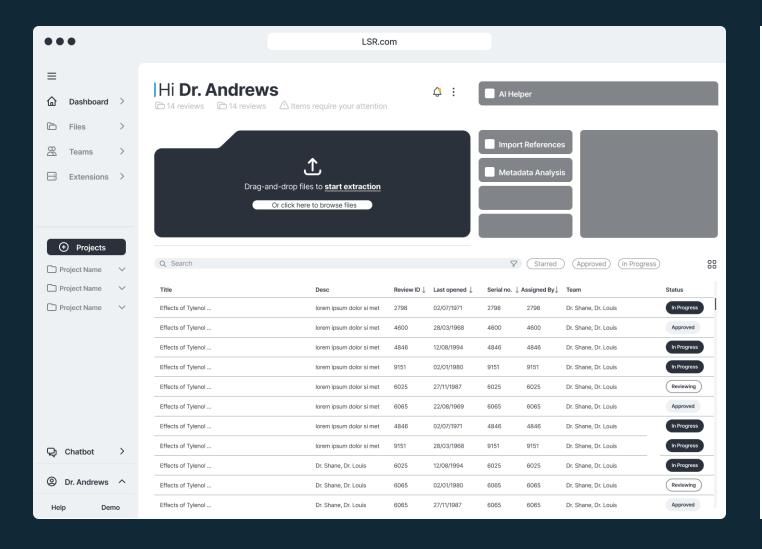
## High-Fidelity Design: Dashboard Overview

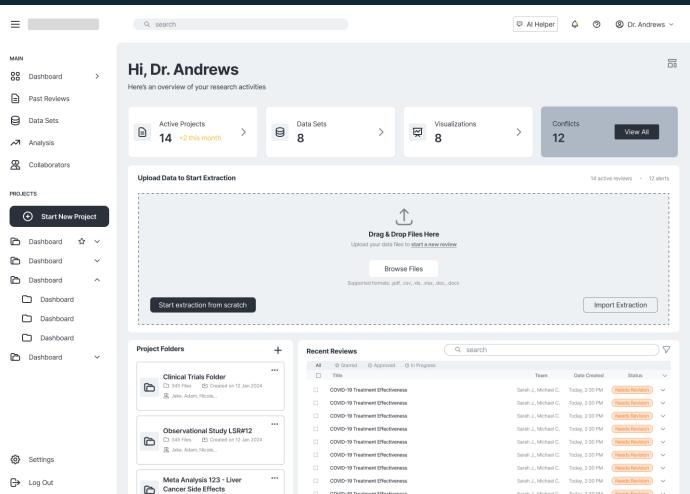
The redesigned dashboard provides a clear overview of projects and tasks, with intuitive navigation and quick access to key functions.



## High-Fidelity Design: Data Extraction

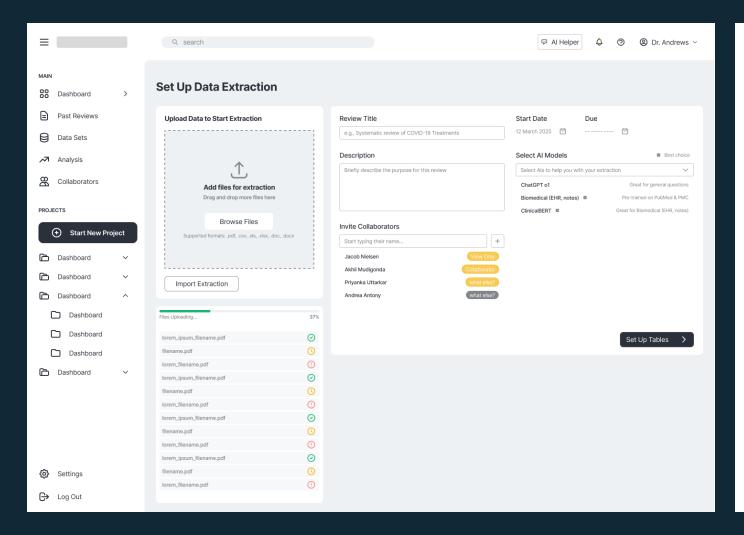
The data extraction interface is designed for efficiency, allowing users to easily upload files and manage metadata.

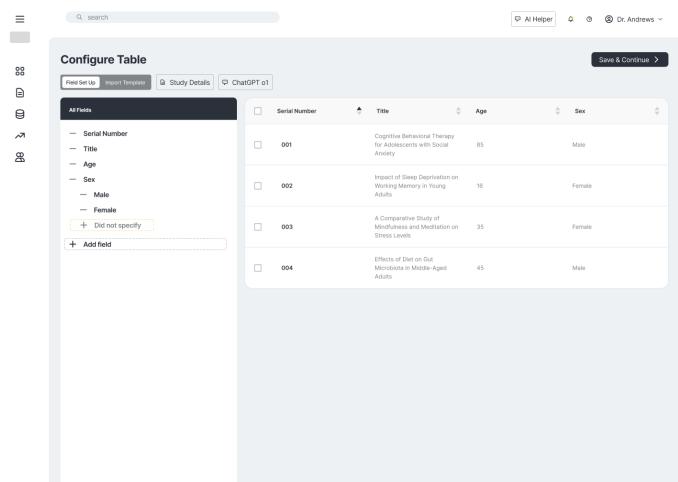




## High-Fidelity Design: Data Extraction

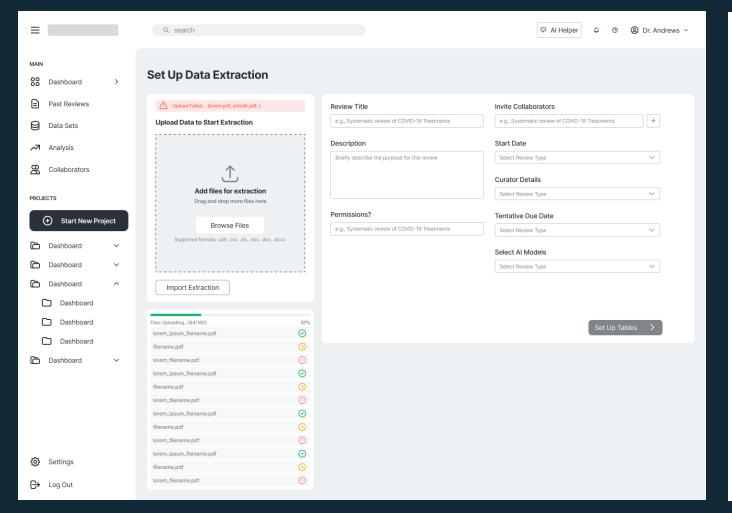
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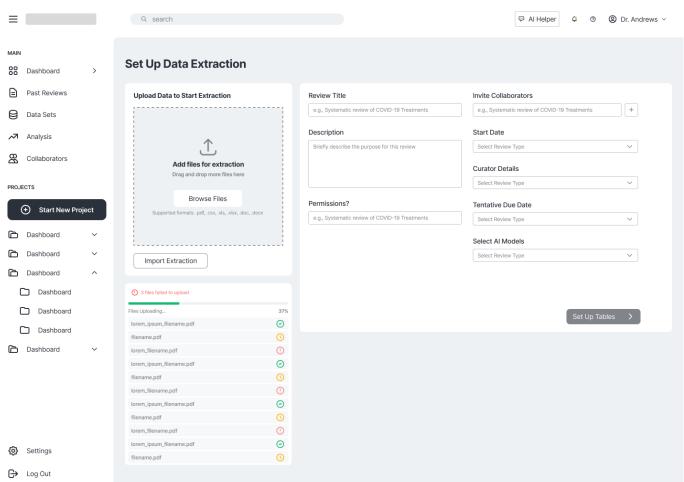




## High-Fidelity Design: Data Extraction

The data extraction interface is designed for efficiency, allowing users to easily upload files and manage metadata.





## Key Features & Benefits

Role-based Dashboard
Simplifies workflow visibility for all team members.

Al Suggestions

Provides transparent AI assistance with human review.

Three Start Options

Offers flexibility for users of all experience levels.

Spreadsheet-style Ul

Enables familiar, collaborative editing for data.

One-click Export

Ensures fast, error-free output of extracted data.



# Transformative Impact

## Reduced Cognitive Load

The intuitive design minimizes mental effort for users.

## Improved Collaboration

Enhanced features foster better teamwork among researchers.

## Transparent Al Processes

Users gain trust through clear, human-controlled AI interactions.

This empowers clinicians and researchers to efficiently engage with living evidence, accelerating insights.

## Conclusion & Future Scope

#### Scalable Foundation

This project lays a robust foundation for future innovation in evidence-based healthcare.



#### Future Enhancements

- Mobile support for on-the-go access.
- Advanced AI tagging capabilities.
- Deeper integration with existing screening tools.

