



LogicLink: A GUI-Driven Approach to Intelligent Reasoning Model

This presentation introduces LogicLink. It is a novel approach to intelligent reasoning model. LogicLink uses a user-friendly GUI. We aim to improve decision-making processes.

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Introduction

Overview



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2. Justifications for Selecting the Title
3. Problem Statement
4. Literature Survey
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Benefits



1. Functional Integrated System
2. Enhanced User Experience
3. Technical Achievements
4. Validation and Testing Results
5. Documentation and Deployment
6. Presentation and Demonstration

Justifications for Selecting the Title

1 Clarity

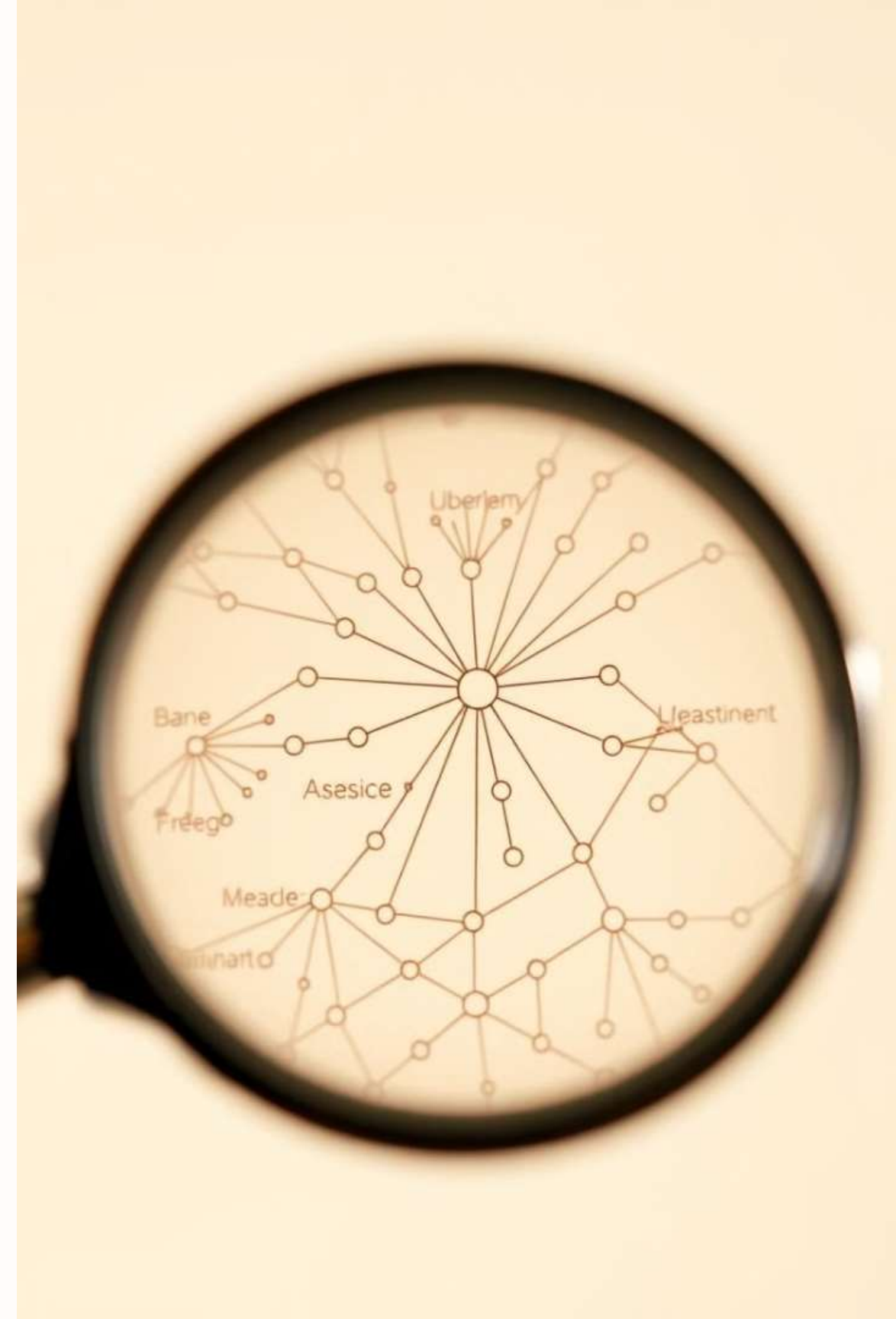
The title clearly communicates the system's core function.

2 Relevance

It emphasizes the link between GUI and reasoning models.

3 Impact

It suggests a user-friendly, powerful decision tool.





Problem Statement



Complexity

Current reasoning models are too complex for many users.



Accessibility

They lack intuitive interfaces, limiting accessibility.



Efficiency

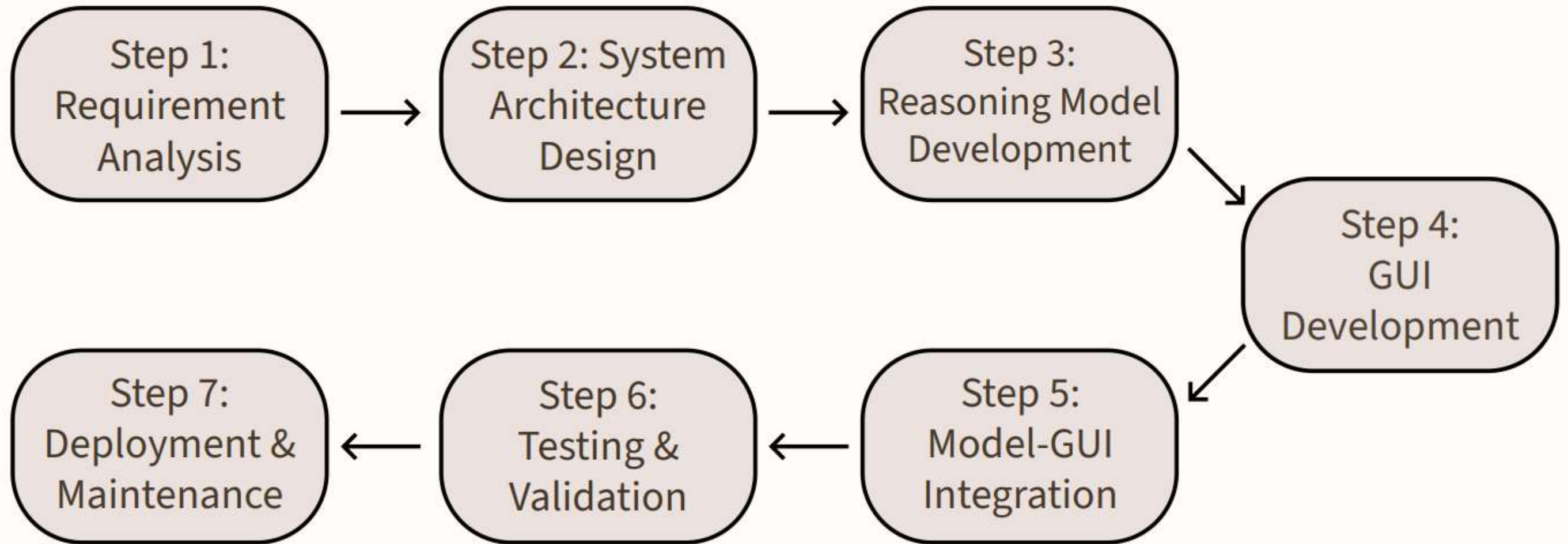
Decision-making processes are inefficient and time-consuming.



Technical Stack

- **Programming Language:** Python 3.x Version
- **Machine Learning:** Scikit-learn, PyTorch
- **Model Explainability:** ELI5
- **Architecture Pattern:** MVC(Model View Controller)
- **GUI:** Desktop: PyQt or Web: React.js (with Flask backend)
- **APIs:** REST, WebSocket (Flask-SocketIO)
- **UI/UX Design:** Adobe XD
- **Deployment:** Desktop: PyInstaller or Web: Docker & Heroku

Block Diagram





Expected Result

Versatile Boilerplate

Our skeletal model can be trained using specific data to develop it into expert system.

Enhanced Efficiency

Faster decision-making processes. Smooth Graphical User Interface.

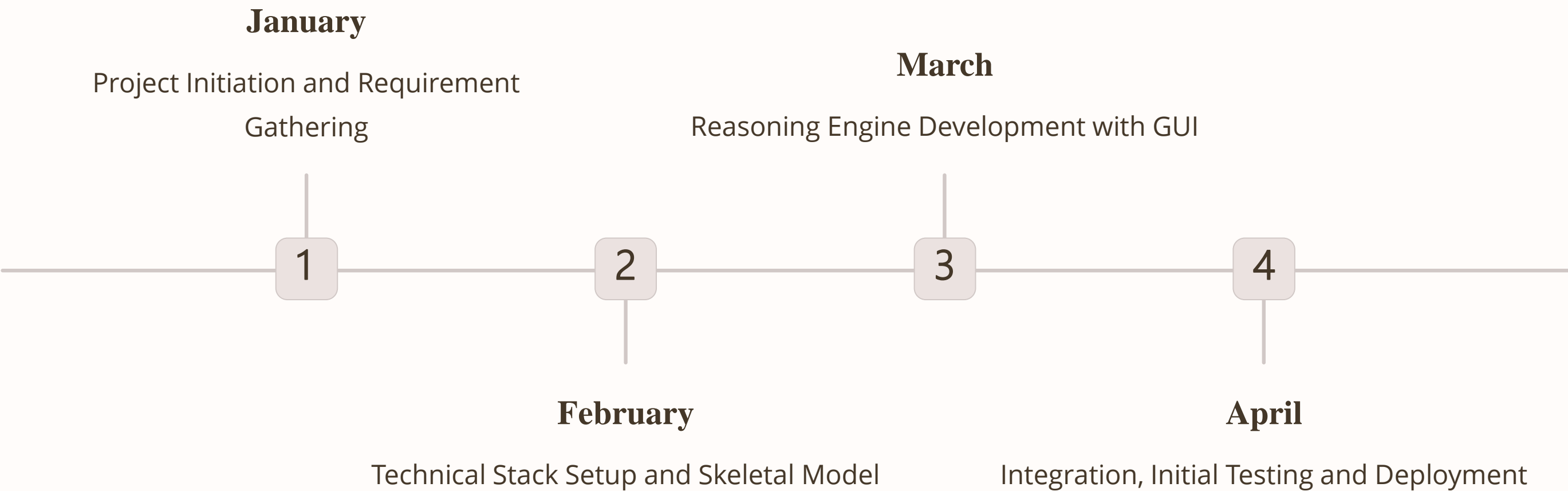
Increased Accessibility

Wider user adoption through intuitive interface.

Specialized Model

Tailored solutions for specific decision scenarios.

Work Plan





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Thank You

Thank you for your attention! LogicLink promises to reshape decision-making. With your support, we will achieve this goal.