Contents

Kiongozi Platform - Completed Work Roadmap

1. Project Setup and Core Infrastructure

- ☒ Project initialization with Next.js
- ☒ TypeScript configuration
- ☒ Tailwind CSS integration
- ☒ Basic project structure setup
- ☒ Responsive design implementation
- ☒ Animation system implementation (multiple CSS animation files)

2. Frontend Components

User Interface

- ☒ Header component
- ☒ Hero section
- ☒ About section
- ☒ Impact section
- ☒ Page transitions
- ☒ Futuristic loader implementation
- ☒ Input styling with glow effects

Core Features

- ☒ AI Chat Interface (AskAI component)
- ☒ Progressive Document Display
- ☒ Learning Modules Interface
- ☒ Topic Selection Modal
- ☒ Research Output Display
- ☒ Chart Display System

3. Backend Implementation

Data Visualization

- ☒ Chart Generation Service
- ☒ Python-based chart generator API
- ☒ Chart display integration with frontend

4. AI Integration

- ☒ Basic AI chat functionality
- ☒ Research output processing
- ☒ Document progression system

5. Deployment

☒ Netlify configuration
☒ Basic deployment setup

Current Implementation Highlights

1. **AI Chat System**
   - Comprehensive chat interface
   - Progressive document handling
   - Interactive AI responses
2. **Data Visualization**
   - Chart generation capabilities
   - Interactive chart display
   - Data processing pipeline
3. **Learning Experience**
   - Topic selection system
   - Learning modules interface
   - Research output presentation
4. **User Interface**
   - Modern, responsive design
   - Smooth animations and transitions
   - Loading states and user feedback

Technical Stack Implementation

- Next.js with TypeScript
- Tailwind CSS for styling
- Python backend for data processing
- Netlify for deployment