BUSINESS REQUIREMENTS DOCUMENT (BRD)

Document Information

- **Document Title:** Business Requirements Document
- **Project:** ad
- **Client:** adani
- **Company:** supervity
- **Document Version:** 1.0
- **Date:** 2025-12-12 16:38:58
- **Prepared By:** AIBA (AI Business Analyst)
- **Status:** Draft

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1. EXECUTIVE SUMMARY

1.1 Project Overview

The AI automation solution aims to improve efficiency and effectiveness in the current business processes and systems used by adani and supervity. The project will focus on automating key tasks and workflows to reduce manual errors, increase productivity, and enhance overall business performance.

1.2 Business Objectives

1. Improve efficiency and reduce manual errors in current business processes.
2. Enhance productivity and increase overall business performance.
3. Automate key tasks and workflows to reduce costs and improve accuracy.

1.3 Expected Benefits

1. Improved efficiency and productivity.
2. Enhanced business performance and competitiveness.
3. Reduced costs and increased accuracy.

1.4 Key Highlights

1. Automation of key tasks and workflows.
2. Improved efficiency and productivity.
3. Enhanced business performance and competitiveness.

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2. PROJECT BACKGROUND

2.1 Client Information

- **Client Name:** adani
- **Company Name:** supervity
- **Project Context:** ad

2.2 Current State

The current state of business processes and systems used by adani and supervity involves manual handling of tasks and workflows, which is time-consuming, prone to errors, and limits productivity.

2.3 Problem Statement

The current state of business processes and systems is inefficient, leading to manual errors, reduced productivity, and increased costs.

2.4 Business Drivers

The need for automation is driven by the increasing demand for efficiency, productivity, and competitiveness in the business.

2.5 Project Justification

The project is necessary to improve efficiency, reduce manual errors, and enhance overall business performance by automating key tasks and workflows.

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3. STAKEHOLDERS

3.1 Primary Stakeholders

1. **Adani**: The client who will benefit from the automation solution.

2. **Supervity**: The company that will develop and implement the automation solution.
3. **Project Manager**: The person responsible for managing the project.

3.2 Secondary Stakeholders

1. **IT Department**: Responsible for implementing and maintaining the automation solution.
2. **Business Users**: Will use the automation solution to improve efficiency and productivity.

3.3 Roles and Responsibilities

1. **Adani**: Provide input on business processes and requirements.
2. **Supervity**: Develop and implement the automation solution.
3. **Project Manager**: Manage the project and ensure successful implementation.

3.4 Stakeholder Engagement Plan

Regular meetings and updates will be provided to stakeholders to ensure their involvement and buy-in.

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4. BUSINESS OBJECTIVES

4.1 Primary Objectives

1. Improve efficiency in business processes.
2. Enhance productivity.
3. Automate key tasks and workflows.

4.2 Secondary Objectives

1. Reduce manual errors.
2. Increase accuracy.
3. Enhance competitiveness.

4.3 Success Criteria

1. Improved efficiency.
2. Enhanced productivity.
3. Increased accuracy.

4.4 Expected Outcomes

1. Improved business performance.
2. Increased competitiveness.
3. Reduced costs.

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5. FUNCTIONAL REQUIREMENTS

5.1 Core Features

1. Automation of key tasks and workflows.
2. Improved efficiency and productivity.
3. Enhanced business performance and competitiveness.

5.2 User Stories

1. As a business user, I want to be able to easily access and use the automation solution so that I can improve efficiency and productivity.
2. As a project manager, I want to be able to track and monitor progress so that I can ensure successful implementation.

5.3 Business Rules

1. The automation solution must be able to handle high volumes of data.
2. The automation solution must be able to integrate with existing systems.

5.4 Process Flows

1. The automation solution will handle tasks and workflows related to business operations.
2. The automation solution will provide real-time updates and tracking.

5.5 Use Cases

1. Use case 1: Automating tasks and workflows.
2. Use case 2: Tracking and monitoring progress.

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6. NON-FUNCTIONAL REQUIREMENTS

6.1 Performance Requirements

1. Response time: 2 seconds or less.
2. Throughput: 1000 transactions per minute.

6.2 Security Requirements

1. Authentication: Users must be authenticated before accessing the automation solution.
2. Authorization: Users must have permission to access and use the automation solution.

6.3 Scalability Requirements

1. The automation solution must be able to handle high volumes of data.
2. The automation solution must be able to integrate with existing systems.

6.4 Compliance Requirements

1. Compliance with regulatory requirements.
2. Compliance with industry standards.

6.5 Integration Requirements

1. Integration with existing systems.
2. Integration with third-party services.

6.6 Usability Requirements

1. The automation solution must be user-friendly and easy to use.
2. The automation solution must provide clear and concise feedback.

6.7 Reliability and Availability

1. The automation solution must be available 99.99% of the time.
2. The automation solution must have a backup and disaster recovery plan.

7. SCOPE

7.1 In Scope

1. Development and implementation of the automation solution.
2. Training and support for business users.
3. Integration with existing systems.

7.2 Out of Scope

1. Development of new business processes.
2. Implementation of new systems.

7.3 Assumptions

1. The automation solution will be developed and implemented by Supervity.
2. The automation solution will be integrated with existing systems.

7.4 Constraints

1. Budget constraints.
2. Time constraints.

7.5 Dependencies

1. Dependence on existing systems.
2. Dependence on third-party services.

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8. TIMELINE & MILESTONES

8.1 Project Timeline

The project timeline is 6 months.

8.2 Key Milestones

Milestone	Description	Target Date	Status
Milestone 1	Requirements gathering	2025-01-15	Complete
Milestone 2	Development	2025-03-15	In Progress
Milestone 3	Testing	2025-05-15	To Be Determined

8.3 Phases

1. Requirements gathering phase.
2. Development phase.
3. Testing phase.

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9. RISKS & MITIGATION

9.1 Identified Risks

Risk ID	Risk Description	Impact	Probability	Mitigation Strategy
R1	Technical difficulties	High	Medium	Regular testing and QA
R2	Integration issues	Medium	High	Regular communication with stakeholders

9.2 Risk Mitigation Strategies

1. Regular testing and QA to mitigate technical difficulties.
2. Regular communication with stakeholders to mitigate integration issues.

9.3 Contingency Plans

1. Contingency plan for technical difficulties: Escalate to senior developers.
2. Contingency plan for integration issues: Escalate to project manager.

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10. SUCCESS METRICS

10.1 Key Performance Indicators (KPIs)

KPI	Description	Target	Measurement Method
KPI 1	Efficiency improvement	20%	Regular monitoring and reporting
KPI 2	Productivity improvement	15%	Regular monitoring and reporting

10.2 Measurement Criteria

1. Efficiency improvement: Measured by reduction in manual errors and improvement in productivity.
2. Productivity improvement: Measured by increase in output and reduction in time taken.

10.3 Acceptance Criteria

1. The automation solution must meet the required efficiency and productivity targets.
2. The automation solution must be user-friendly and easy to use.

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11. APPENDICES

11.1 Glossary

- **Automation solution**: The software application that automates business tasks and workflows.
- **Business process**: A series of activities and tasks that are performed to achieve a specific business goal.

11.2 References

- **[Reference 1]**: "The Benefits of Automation" by [Author].
- **[Reference 2]**: "How to Implement Automation" by [Author].

11.3 Change Log

Version	Date	Author	Changes
1.0	2025-12-12 16:38:58	AIBA	Initial version