

The IT Consultant's Automation Handbook

Dele Tosh
Director, [Protomated.com](https://protomated.com)

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Introduction: The New Era of IT Consulting



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If you're running a small IT consulting firm, you're likely all too familiar with the daily grind: drowning in manual tasks, struggling to meet client deadlines, and watching more tech-savvy competitors zoom past you. You know you need to innovate, but finding the time feels impossible. Sound familiar?

You're not alone. The IT consulting landscape is shifting rapidly, and small firms are feeling the pressure. But here's the good news: you're holding the key to not just surviving, but thriving in this new era.

0.1 Why This Book, Why Now?

The consulting world is undergoing a seismic shift. According to Deloitte's recent report, "Unleashing value from digital transformation: Paths and

pitfalls,” the days of strategy-only consulting are numbered. Clients now demand execution, and technology is at the heart of it all.

Consider this: 30 years ago, classic strategy work made up 60-70% of consulting engagements. Today? It’s down to a mere 20%. The message is clear: consultants who can’t deliver tangible, tech-driven results will be left behind.

But here’s where it gets exciting for small firms like yours. The report also highlights a crucial trend: the rise of specialist boutique firms. With the right tools and knowledge, you can deliver outcomes that rival the big players, at a fraction of the cost.

This is where automation comes in. It’s not just a buzzword; it’s your ticket to:

- Boosting productivity by eliminating time-consuming manual tasks
- Consistently meeting (and exceeding) client deadlines
- Taking on more projects without burning out
- Positioning yourself as an innovation leader
- Finally achieving that elusive work-life balance

0.2 What You’ll Learn

This book is your practical guide to leveraging no-code automation tools to revolutionize your IT consulting practice. We’ll focus on three powerful platforms: n8n, nocodb, and budibase. By the time you finish this book, you’ll know how to:

1. Automate repetitive tasks to free up your time for high-value work
2. Deliver unprecedented value to clients (and find new ways to monetize your automation skills)
3. Scale your practice without working 80-hour weeks
4. Integrate cutting-edge technologies like generative AI and cloud computing into your solutions

0.3 How to Use This Book

Whether you're a complete newcomer to automation or you've dabbled a bit, this book is designed to meet you where you are. Each chapter builds on the last, providing a mix of theory, practical examples, and hands-on exercises.

We'll start with quick wins you can implement today, then progress to more advanced strategies. By the end, you'll have a comprehensive 90-day plan to transform your practice.

Don't just read passively. The real magic happens when you apply these concepts to your own business. So grab your laptop, roll up your sleeves, and get ready to join the ranks of innovative, future-proof IT consultants.

Ready to stop drowning in busywork and start leading the pack?

Let's dive in.

Chapter 1

Automation Fundamentals for IT Consultants

1.1 Introduction

As a small IT consulting firm, your time is your most valuable asset. In this chapter, we'll dive into a practical automation example that can save you hours each week and revolutionize how you handle client communications.

1.2 Quick Win: AI-Powered Email Classification with n8n and OpenAI

Let's start with a common pain point: the overflowing inbox. We'll create an automation that reviews and classifies emails based on their content, helping you prioritize and respond more efficiently.

We will solve that in this chapter.

1.2.1 Why This Matters

[@TODO: ILLUSTRATE: Cluttered inbox vs. Organized, classified inbox]

Figure 1.1: Cluttered inbox vs. Organized, classified inbox

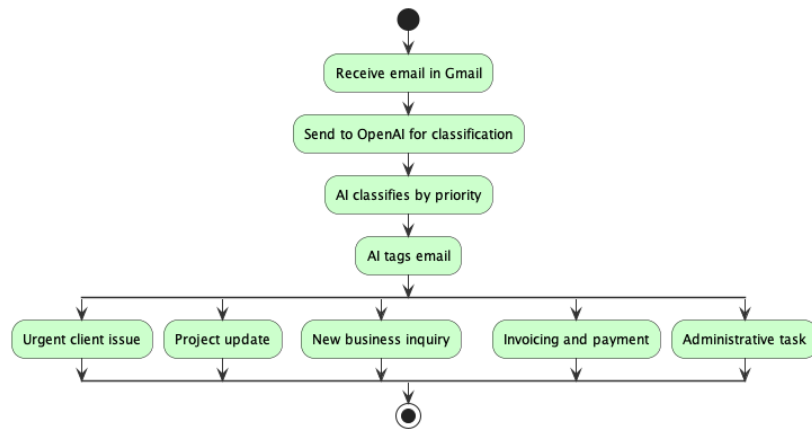


Figure 1.2: Email Classification and Tagging Automation Flow

Imagine starting your day with a perfectly organized inbox, where emails are automatically sorted into categories like:

- Urgent client issues
- Project updates
- New business inquiries
- Invoicing and payments
- Administrative tasks

This automation will make that a reality, allowing you to:

- Respond to critical issues faster
- Prioritize your workday more effectively
- Ensure no important client communication slips through the cracks

Here's going to be our flow:

1.3 Setting Up Your Secure Automation Environment

Before we dive into the automation itself, let's set up n8n locally. Unlike cloud-based tools like Zapier, n8n can be self-hosted, ensuring your sensitive client data never leaves your control.

1.3.1 Installing n8n using Docker

We'll use Docker for a consistent setup across all platforms.

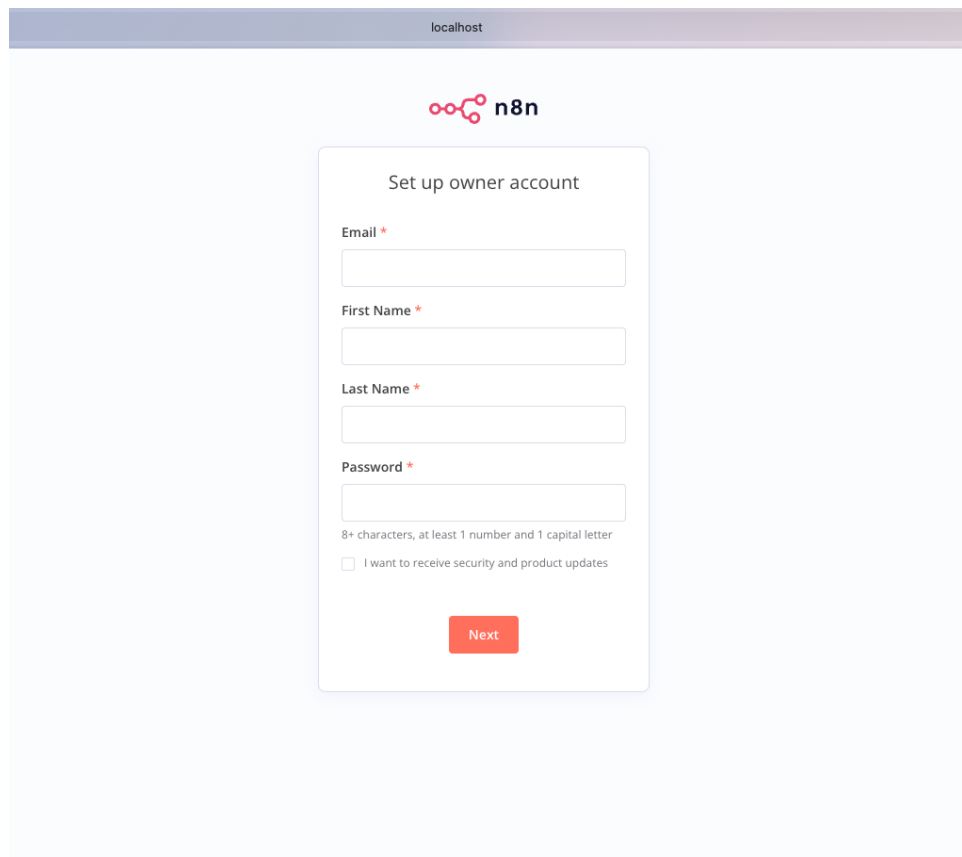
1. Install Docker:

- For Windows: Docker Desktop for Windows
- For macOS: Docker Desktop for Mac
- For Linux: Docker Engine


2. With the installation complete, open a terminal or command prompt and run:

```
docker run -it --rm \
  --name n8n \
  -p 5678:5678 \
  -v ~/.n8n:/home/node/.n8n \
  n8nio/n8n
```

3. Open your browser and navigate to `http://localhost:5678`, you should see the setup screen:



localhost

 n8n

Set up owner account

Email *

First Name *

Last Name *

Password *

8+ characters, at least 1 number and 1 capital letter

☐ I want to receive security and product updates

Next

4. Fill in your details and hit "Next"



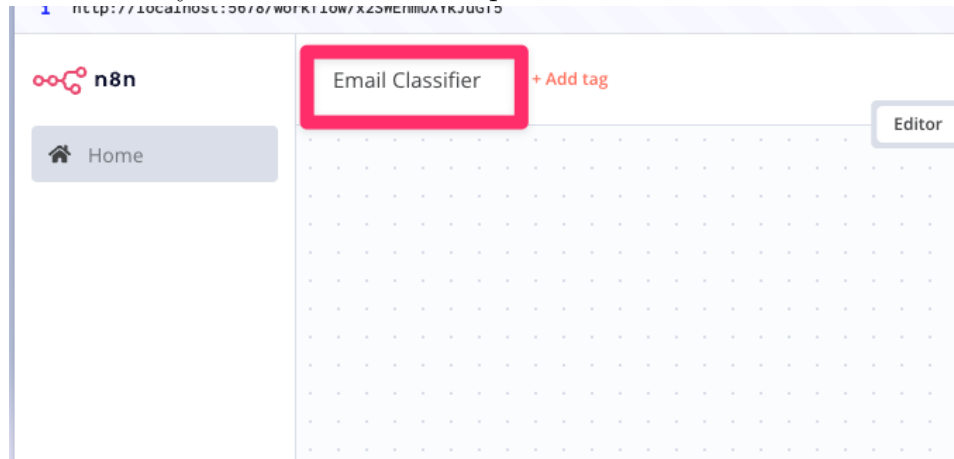
If you run into issues in your setup and want to restart from the beginning, from your terminal, delete the docker n8n directory in `/.n8n`. Then re-run the docker command

1.4 Creating Your Email Classification Workflow

Now that n8n is running, let's build our automation:

1. In the n8n dashboard, click "Start from scratch"

2. Rename "My Workflow" in the top left corner to "Email Classifier"



1.4.1 Step 1: Connect to Gmail

1. Hit the "Add first step..." and Search for "Gmail" and select "On Message Received"
2. Select the "Credential to connect with" then choose "- Create New Credential -"
3. Follow the OAuth process to connect your Gmail account

1.4.2 Step 2: Integrate OpenAI for Content Analysis

Before we proceed, let's securely set up our OpenAI API access:

1. Go to OpenAI's website and sign up or log in
2. Navigate to the API section and create a new API key
3. In n8n, go to Settings > Credentials and add a new credential of type "OpenAI API"
4. Paste your API key and save

Now, let's add the OpenAI node to our workflow:

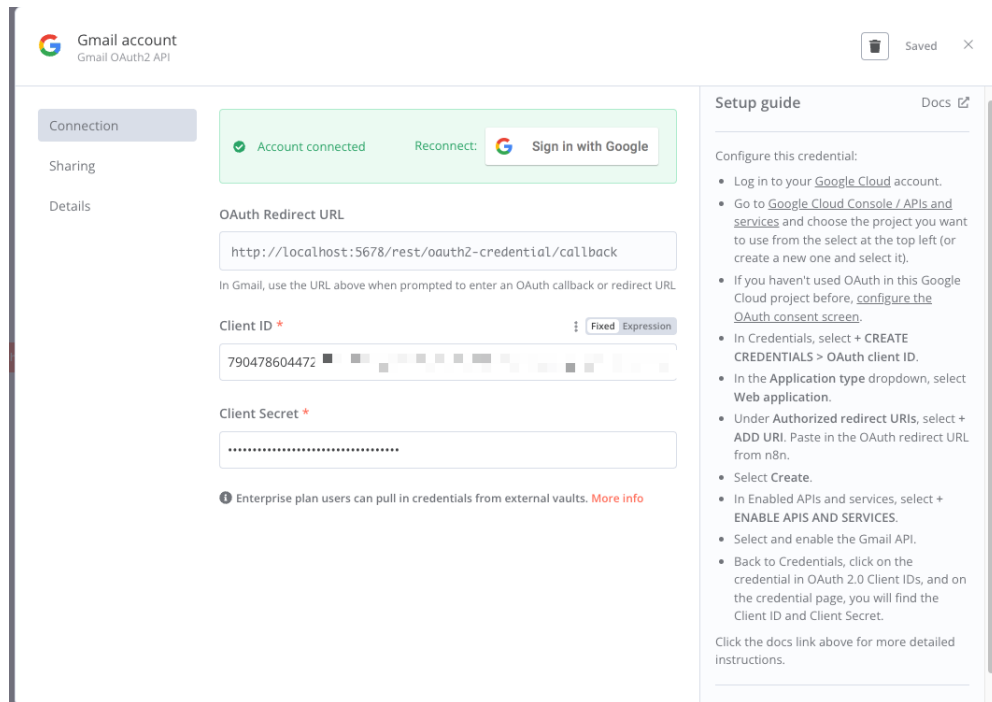


Figure 1.3: The Complete OAuth config screen

1. Add a new "OpenAI" node
2. Connect it to the Gmail trigger node
3. Configure it as follows:
 - Resource: Completion
 - Model: gpt-4o
 - Prompt: "Classify the following email into one of these categories: Urgent client issue, Project update, New business inquiry, Invoicing and payment, Administrative task. Email content: {{ \$json["body"] }}"
 -

[INSERT IMAGE: OpenAI node configuration]

Figure 1.4: OpenAI node configuration

1.4.3 Step 3: Update Email Labels

1. Add another "Gmail" node
2. Connect it to the OpenAI node
3. Configure it to add a label based on the classification from OpenAI

[@TODO: ILLUSTRATE: Final workflow diagram]

Figure 1.5: Final workflow diagram

1.5 Putting It All Together

Activate your workflow, and watch as your emails are automatically classified and labeled!

[@TODO: ILLUSTRATE: Before and after screenshots of a Gmail inbox]

Figure 1.6: Before and after screenshots of a Gmail inbox

1.6 Real-World Impact: A Case Study

Meet Sarah, an use-case IT consultant running a 5-person firm. Before implementing this automation, Sarah spent 2 hours each day sorting through emails. After setting up the AI-powered classification:

- Sarah's email processing time dropped to 30 minutes a day
- Her team's response time to urgent client issues improved by 60%
- They never missed a new business inquiry, increasing potential leads by 25%

By reclaiming 7.5 hours each week, Sarah was able to take on two additional clients without hiring new staff.

1.7 Next Steps and Community Support

Ready to implement this automation or explore more advanced use cases? Join our vibrant community of IT consultants and automation enthusiasts on Discord:

JOIN NOW: Business Automators Discord Server

In our community, you can:

- Get help troubleshooting your automations
- Share your own automation success stories
- Network with other forward-thinking IT consultants
- Get direct access to me, Dele Tosh, for personalized advice

Remember, automation is a journey, not a destination. Start with this email classification workflow, then explore how you can automate other aspects of your consulting practice. In the next chapter, we'll dive deeper into the no-code tools every IT consultant should master.

Chapter 2

No-Code Tools Every IT Consultant Should Master



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In today's fast-paced tech landscape, the ability to rapidly prototype and deploy solutions is invaluable. No-code platforms are revolutionizing how IT consultants work, allowing you to create powerful applications and automations without writing a single line of code. Let's dive into the top tools you need in your arsenal.

2.1 Top 3 No-Code Platforms for IT Consulting

2.1.1 n8n (self-hostable)

n8n is a powerful, flexible workflow automation tool that's perfect for IT consultants looking to build complex, customized solutions.

Pros:

- Advanced capabilities for complex workflows
- Self-hostable for enhanced security and control
- Excellent for rapid prototyping and idea validation
- Can function as a low-code business ideas maker
- Ability to build entire backend software services

Cons:

- Steeper learning curve compared to some alternatives
- GUI can become challenging to manage with very complex workflows
- Less polished UI compared to some competitors

2.1.2 NoCoDB (self-hostable)

NoCoDB is an open-source Airtable alternative that provides a powerful, flexible database solution.

Pros:

- Can import data from various sources, including Airtable
- Supports multiple database types (MySQL, Postgres, SQLite, SQL Server)
- Multilingual support
- Open-source and self-hostable

Cons:

- Learning curve can be steep for non-technical users
- Lacks built-in cloud backup system

2.1.3 BudiBase (self-hostable)

BudiBase is a low-code platform for creating web applications quickly and efficiently.

Pros:

- Can connect to REST APIs
- Supports user role definition
- Open-source and self-hostable
- Features useful components like the repeater field

Cons:

- Building complex UIs can be challenging
- Limited ability to use JavaScript for data manipulation in all components
- Less dynamic compared to some alternatives like Appsmith

2.2 Build Your First No-Code App in 30 Minutes

Let's put theory into practice by building a client onboarding automation using n8n and NoCoDB. This practical example will demonstrate how quickly you can create valuable solutions for your consulting business.

2.2.1 Setting Up Your Environment

1. Ensure you have n8n and NoCoDB installed and running on your system.
2. Set up a Google Workspace account for integrations.

2.2.2 Creating the NoCoDB Database

Create a new table in NoCoDB with the following fields:

- Client Name
- Company

- Email
- Phone
- Project Type
- Start Date
- Assigned Team Members
- Initial Meeting Date
- Document Status
- Project Folder Link

2.2.3 Building the n8n Workflow

Now, let's create our n8n workflow:

1. **Trigger: New Form Submission** Set up a Webhook node to receive new client data.
[PLACEHOLDER: Screenshot of Webhook node configuration]
2. **Create NoCoDB Record** Use the NoCoDB node to create a new record with the received data.
[PLACEHOLDER: Screenshot of NoCoDB node configuration]
3. **Create Google Drive Folder** Utilize the Google Drive node to create a new folder for the client.
[PLACEHOLDER: Screenshot of Google Drive node configuration]
4. **Send Welcome Email** Configure the Gmail node to send a personalized welcome email.
[PLACEHOLDER: Screenshot of Gmail node configuration]
5. **Create Calendar Event** Use the Google Calendar node to schedule the initial meeting.
[PLACEHOLDER: Screenshot of Google Calendar node configuration]
6. **Update NoCoDB Record** Finally, update the NoCoDB record with the folder link and meeting details.
[PLACEHOLDER: Screenshot of final NoCoDB update node]

2.2.4 Testing and Activating Your Workflow

Once you've connected all the nodes, it's time to test your workflow:

1. Use the n8n testing feature to simulate a new client submission.
2. Check each step of the workflow to ensure data is flowing correctly.
3. Verify that the NoCoDB database is updated, the Google Drive folder is created, the welcome email is sent, and the calendar event is scheduled.

[PLACEHOLDER: Illustration of the complete workflow diagram]

Congratulations! You've just created a powerful client onboarding automation in under 30 minutes. This workflow will save you hours of manual work for each new client, allowing you to focus on delivering value rather than managing administrative tasks.

2.3 Security and Compliance Considerations

When working with no-code tools, especially in IT consulting where you're handling sensitive client data, security and compliance should be top priorities. Here are some key considerations:

1. **Data Privacy:** Ensure that your no-code platforms are compliant with relevant data protection regulations (e.g., GDPR, CCPA).
2. **Access Control:** Implement strict user access controls, especially when using self-hosted solutions.
3. **Data Encryption:** Use encryption for data at rest and in transit.
4. **Regular Audits:** Conduct regular security audits of your no-code setups.
5. **Backup and Recovery:** Implement robust backup solutions, especially for self-hosted platforms.
6. **Third-Party Integrations:** Carefully vet any third-party services you integrate with your no-code tools.

Remember, while no-code platforms can significantly speed up development, they don't absolve you of responsibility for the security and compliance of your solutions. Always approach these tools with a security-first mindset.

2.4 Conclusion

No-code tools like n8n, NoCoDB, and BudiBase are revolutionizing how IT consultants work. By mastering these platforms, you can deliver solutions

faster, take on more complex projects, and provide greater value to your clients. The client onboarding automation we built is just the tip of the iceberg – the possibilities are truly endless.

In the next chapter, we'll explore how to transform your core services using these no-code tools, opening up new revenue streams and enhancing your existing offerings.

Action Item: Take the workflow we built in this chapter and customize it for your own business. What other steps could you add to make your client onboarding even more efficient?

Chapter 3

Transforming Your Core Services



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As an IT consultant, your ability to efficiently gather requirements, prototype solutions, and present data can set you apart from the competition. In this chapter, we'll explore how to leverage no-code tools to revolutionize these core services, making your consulting practice more efficient and effective.

3.1 Automating Requirements Gathering

Let's dive deep into each step of our automated requirements gathering workflow, providing detailed instructions on how to set up each part using n8n, NoCoDB, and BudiBase.

3.1.1 Step 1: Initiate Project and Define Business Goals

In this step, we'll create a workflow that automates the project initiation process.

1. Create a Google Form for project initiation:
 - Include fields for project name, description, key objectives, and expected outcomes
 - Add a section for defining business goals

[PLACEHOLDER: Screenshot of the Google Form for project initiation]

2. Set up an n8n workflow:

- Start with a "Google Forms Trigger" node
- Add a "NoCoDB" node to create a new project record

[PLACEHOLDER: Screenshot of n8n workflow showing Google Forms Trigger and NoCoDB nodes]

3. Configure the NoCoDB node:

- Create a "Projects" table in NoCoDB with fields matching your Google Form
- In n8n, map the Google Form responses to the corresponding NoCoDB fields

[PLACEHOLDER: Screenshot of NoCoDB node configuration in n8n]

4. Add a "Send Email" node to notify relevant team members about the new project

[PLACEHOLDER: Screenshot of completed n8n workflow for project initiation]

3.1.2 Step 2: Stakeholder Identification and Mapping

Now, let's automate the process of identifying stakeholders and mapping them to business goals.

1. Create a Google Form for stakeholder identification:
 - Include fields for name, role, department, contact information, and influence level

- Add a multi-select field for associated business goals

[PLACEHOLDER: Screenshot of Google Form for stakeholder identification]

2. Set up an n8n workflow:

- Start with a "Google Forms Trigger" node
- Add a "NoCoDB" node to store stakeholder information
- Include a "Function" node to categorize stakeholders based on their responses

[PLACEHOLDER: Screenshot of n8n workflow for stakeholder identification]

3. Configure the Function node to categorize stakeholders:

```
const influenceLevel = $input.body[ 'Influence - Level' ];
const goals = $input.body[ 'Associated - Goals' ];

let category = '';
if (influenceLevel === 'High' && goals.length > 2) {
  category = 'Key-Player';
} else if (influenceLevel === 'High') {
  category = 'Meet-Their-Needs';
} else if (goals.length > 2) {
  category = 'Keep-Informed';
} else {
  category = 'Monitor';
}

return {
  category: category,
  ...input.body
};
```

[PLACEHOLDER: Screenshot of Function node configuration]

4. Add a "Chart" node to create a visual stakeholder map:

- Use a scatter plot with influence level on one axis and number of associated goals on the other
- Color-code points based on the stakeholder category

[PLACEHOLDER: Screenshot of Chart node configuration and resulting stakeholder map]

3.1.3 Step 3: Requirements Elicitation

Let's implement the Triplet Questioning technique through automation.

1. Create a series of Google Forms for Triplet Questioning:

- Form 1: "What is your requirement?"
- Form 2: "What does that give you of value?"
- Form 3: "Which value is most important?"

[PLACEHOLDER: Screenshots of the three Google Forms]

2. Set up an n8n workflow:

- Use three "Google Forms Trigger" nodes, one for each form
- Add a "NoCoDB" node to store responses
- Include a "Send Email" node to trigger the next question in the sequence

[PLACEHOLDER: Screenshot of n8n workflow for Triplet Questioning]

3. Configure the email nodes to include links to the next form in the sequence

[PLACEHOLDER: Screenshot of email node configuration] 4. Add a "Function" node to generate follow-up questions based on responses:

```
const requirement = $input.body[ 'Requirement ' ];
const value = $input.body[ 'Value ' ];

let followUpQuestion = '';
if (value.toLowerCase().includes('efficiency')) {
    followUpQuestion = 'How would improving efficiency in "${requirement}'
} else if (value.toLowerCase().includes('cost')) {
    followUpQuestion = 'Can you quantify the potential cost savings'
} else {
    followUpQuestion = 'Could you elaborate on how "${value}" ties in'
}

return { followUpQuestion };
```

[PLACEHOLDER: Screenshot of Function node for generating follow-up questions]

3.1.4 Step 4: Requirements Documentation

Now, let's automate the creation of requirement records.

1. Create a Google Docs template for requirements documentation:

- Include sections for requirement description, associated value, priority, and stakeholders
- Add placeholders for dynamic content (e.g., {{REQUIREMENT}}, {{VALUE}}, etc.)

[PLACEHOLDER: Screenshot of Google Docs template] 2. Set up an n8n workflow:

- Start with a "NoCoDB Trigger" node to detect new requirements
- Add a "Google Docs" node to create a new document from the template
- Include a "Function" node to generate a unique identifier for each requirement

[PLACEHOLDER: Screenshot of n8n workflow for requirements documentation]

3. Configure the Google Docs node:

- Map NoCoDB fields to the placeholders in your template
- Set the document name to include the unique identifier

[PLACEHOLDER: Screenshot of Google Docs node configuration]

4. Add a "NoCoDB" node to update the requirement record with the document link

[PLACEHOLDER: Screenshot of NoCoDB node for updating requirement record]

3.1.5 Step 5: Requirements Validation

Let's streamline the validation process with stakeholders.

1. Create a Google Form for requirement feedback:

- Include fields for requirement ID, clarity rating, completeness rating, and comments

[PLACEHOLDER: Screenshot of requirement feedback form]

2. Set up an n8n workflow:

- Start with a "Schedule Trigger" node to run daily
- Add a "NoCoDB" node to fetch requirements needing validation
- Include a "Loop" node to process each requirement
- Add a "Send Email" node within the loop to send validation requests

[PLACEHOLDER: Screenshot of n8n workflow for requirement validation]

3. Configure the email node:

- Include the requirement details and document link in the email body
- Add a link to the feedback form

[PLACEHOLDER: Screenshot of email node configuration]

4. Add a "Google Forms Trigger" node to process feedback:

- Use a "NoCoDB" node to update the requirement record with feedback
- Include a "Function" node to determine if further revision is needed based on feedback scores

[PLACEHOLDER: Screenshot of feedback processing workflow]

3.1.6 Step 6: Requirements Management

Now, let's create a real-time dashboard for requirements management using BudiBase.

1. Connect BudiBase to your NoCoDB database:

- Set up a new data source in BudiBase pointing to your NoCoDB instance
- Import the "Requirements" table

[PLACEHOLDER: Screenshot of BudiBase data source configuration]

2. Create a new BudiBase app:

- Start with a blank template

- Add a table component to display all requirements
- Include filter options for status, priority, and stakeholder

[PLACEHOLDER: Screenshot of BudiBase app design interface]

3. Add visualizations:

- Create a pie chart showing requirements by status
- Add a bar chart displaying requirements by priority
- Include a line chart showing requirements added over time

[PLACEHOLDER: Screenshot of BudiBase dashboard with visualizations]

4. Set up n8n to keep the dashboard updated:

- Create a workflow with a "Schedule Trigger" node to run hourly
- Add a "NoCoDB" node to fetch updated requirement data
- Include a "BudiBase" node to update the app's data

[PLACEHOLDER: Screenshot of n8n workflow for updating BudiBase dashboard]

3.1.7 Step 7: Centralized Governance

Finally, let's ensure oversight and consistency through automated reporting and centralized documentation.

1. Set up a Google Drive folder structure for project documentation:

- Create folders for each project
- Include subfolders for requirements, stakeholder information, and reports

[PLACEHOLDER: Screenshot of Google Drive folder structure]

2. Create an n8n workflow for automated reporting:

- Use a "Schedule Trigger" node to run weekly
- Add "NoCoDB" nodes to fetch project and requirement data
- Include a "Google Sheets" node to create a summary report

- Add a "Send Email" node to distribute the report to the steering committee

[PLACEHOLDER: Screenshot of n8n workflow for automated reporting]

3. Configure the Google Sheets node:

- Create a template for the weekly report
- Map fetched data to appropriate cells in the spreadsheet

[PLACEHOLDER: Screenshot of Google Sheets node configuration]

4. Set up document organization workflow:

- Create an n8n workflow triggered by new document creation
- Use a "Switch" node to determine the document type
- Add "Move File" nodes to place documents in the correct Google Drive folders

[PLACEHOLDER: Screenshot of document organization workflow]

By implementing this comprehensive, automated requirements gathering system, you'll significantly streamline your process, reduce errors, and impress clients with your efficiency and organization. Remember to test each component thoroughly and gather feedback from your team to continually refine and improve the system.

3.2 Rapid Prototyping Techniques That Wow Clients

Once you've gathered requirements, the next step is creating a prototype to validate ideas and get client feedback. No-code tools excel at rapid prototyping, allowing you to create impressive demos quickly. Let's walk through the process of building a functional prototype using BudiBase and enhancing it with n8n workflows.

3.2.1 Using BudiBase for Quick UI Prototypes

BudiBase is an excellent tool for creating functional UI prototypes quickly. We'll create a simple client management dashboard as an example.

Step 1: Set Up Your BudiBase Environment

1. If you haven't already, sign up for a BudiBase account at <https://budibase.com/>
 2. Once logged in, click on "Create new app"
 3. Choose "Start from scratch"
 4. Name your app "Client Management Dashboard" and click "Create app"
- [PLACEHOLDER: Screenshot of BudiBase "Create new app" screen]

Step 2: Create a Data Source

1. In your new app, go to the "Data" section in the left sidebar
2. Click "Add new data source"
3. For this example, choose "CSV"
4. Upload a sample CSV file with client data (columns: Name, Email, Company, Last Contact Date, Status)
5. Click "Import data"

[PLACEHOLDER: Screenshot of BudiBase data source creation screen]

Step 3: Build the Main Dashboard

1. Go to the "Design" section in the left sidebar
2. Click "Add screen" and choose "Blank screen"
3. Name it "Dashboard" and click "Create screen"
4. From the components panel on the right, drag a "Container" onto your blank screen
5. Inside the container, add a "Headline" component and set the text to "Client Management Dashboard"

[PLACEHOLDER: Screenshot of BudiBase design screen with initial dashboard layout]

Step 4: Add a Client List

1. Drag a "Table" component into your container, below the headline
2. In the component settings on the right, set the data source to your imported CSV
3. Choose the columns you want to display (e.g., Name, Company, Status)
4. Add a "Button" component to the table and label it "View Details"

[PLACEHOLDER: Screenshot of BudiBase screen with table component added]

Step 5: Create a Client Details Screen

1. Add another blank screen and name it "Client Details"
2. Add a "Container" component
3. Inside the container, add "Text" components for each piece

of client information (Name, Email, Company, etc.) 4. Bind these text components to the respective data fields

[PLACEHOLDER: Screenshot of Client Details screen layout]

Step 6: Add Navigation

1. Return to the Dashboard screen 2. Select the "View Details" button in the table 3. In the settings panel, under "Actions", choose "Navigate to screen" and select the Client Details screen 4. Set up a parameter to pass the selected client's ID to the details screen

[PLACEHOLDER: Screenshot of button action configuration]

Step 7: Enhance with Charts

1. On the Dashboard screen, add a new container below the client list 2. Drag a "Chart" component into this container 3. In the chart settings, choose "Pie Chart" and set the data source to your client CSV 4. Configure the chart to show the distribution of clients by status

[PLACEHOLDER: Screenshot of dashboard with added chart]

3.2.2 Creating Interactive Workflows with n8n

Now let's enhance our prototype with some automated workflows using n8n.

Step 1: Set Up n8n

1. If you haven't already, install n8n locally or sign up for n8n.cloud 2. Open n8n and click "Create new workflow" 3. Name your workflow "Client Update Automation"

[PLACEHOLDER: Screenshot of n8n new workflow creation]

Step 2: Create a Trigger Node

1. In the node panel, search for "Webhook" and add it to your workflow 2. Configure the webhook to receive POST requests 3. Save the generated webhook URL - we'll use this in BudiBase

[PLACEHOLDER: Screenshot of Webhook node configuration]

Step 3: Add Processing Nodes

1. Add a "Function" node after the Webhook node
2. In the Function node, add code to format the incoming data:

```
return {  
  json: {  
    clientName: $input.body.clientName ,  
    newStatus: $input.body.newStatus ,  
    updateDate: new Date().toISOString()  
  }  
};
```

[PLACEHOLDER: Screenshot of Function node configuration]

Step 4: Add an Action Node

1. Add a "Send Email" node (you may need to set up an email service integration)
2. Configure the email node to send an update to a specified address
3. Use the data from the Function node to populate the email content

[PLACEHOLDER: Screenshot of Send Email node configuration]

Step 5: Integrate n8n with BudiBase

1. Return to your BudiBase app
2. On the Client Details screen, add an "Update Status" button
3. In the button's action settings, choose "Fetch data"
4. Set the URL to your n8n webhook URL
5. Configure the request to send the client's name and new status

[PLACEHOLDER: Screenshot of BudiBase button configuration for n8n integration]

3.2.3 Testing Your Prototype

1. In BudiBase, use the "Preview" feature to test your app
2. Navigate through the dashboard, view client details, and try updating a client's status
3. Check that the n8n workflow is triggered and an email is sent

[PLACEHOLDER: Screenshot of BudiBase app preview]

3.2.4 Prototype Presentation Best Practices

When presenting your prototype to clients:

1. **Set the context:** Explain that this is a rapid prototype to visualize concepts, not a final product.
2. **Focus on functionality:** Emphasize how the prototype addresses their specific requirements.
3. **Encourage interaction:** Let clients click through the prototype themselves.
4. **Highlight flexibility:** Demonstrate how easily elements can be adjusted based on feedback.
5. **Discuss next steps:** Use the prototype as a basis for refining requirements and planning development.

By following these steps, you can quickly create an impressive, functional prototype that will wow your clients and provide a solid foundation for further development. Remember, the key is to iterate rapidly based on feedback, continuously refining the prototype to meet your client's needs.

3.3 Conclusion

By leveraging no-code tools to automate requirements gathering, streamline prototyping, and create dynamic dashboards, you can transform your core IT consulting services. These techniques not only save you time but also impress clients with your efficiency and professionalism.

In the next chapter, we'll explore how to scale your practice using these automated solutions, allowing you to take on more clients without proportionally increasing your workload. **Action Item:** Take one of your current projects and implement the automated requirements gathering workflow we discussed. Note how it impacts your efficiency and client satisfaction.