

# Order Robots Process Design Document

ABC Inc.

17 October, 2023

## Versioning

You should set up your process definition document so that it is easy to update and to archive. If you are not using a versioning system, we recommend at last to add the version in the file name and adding a table inside the document to show the current and previous versions.

Date	Version	Author
2023-10-10	1	John Doe

## Signed Off By

Name	Function	Responsibility
John Doe	RPA Developer	Develop and maintain automations

## Contributors

Name	Function	Responsibility
John Doe	RPA Developer	Develop and maintain automations
Jane Doe	HR	N/A

## Current Process Analysis

### Description

To execute this process the user:

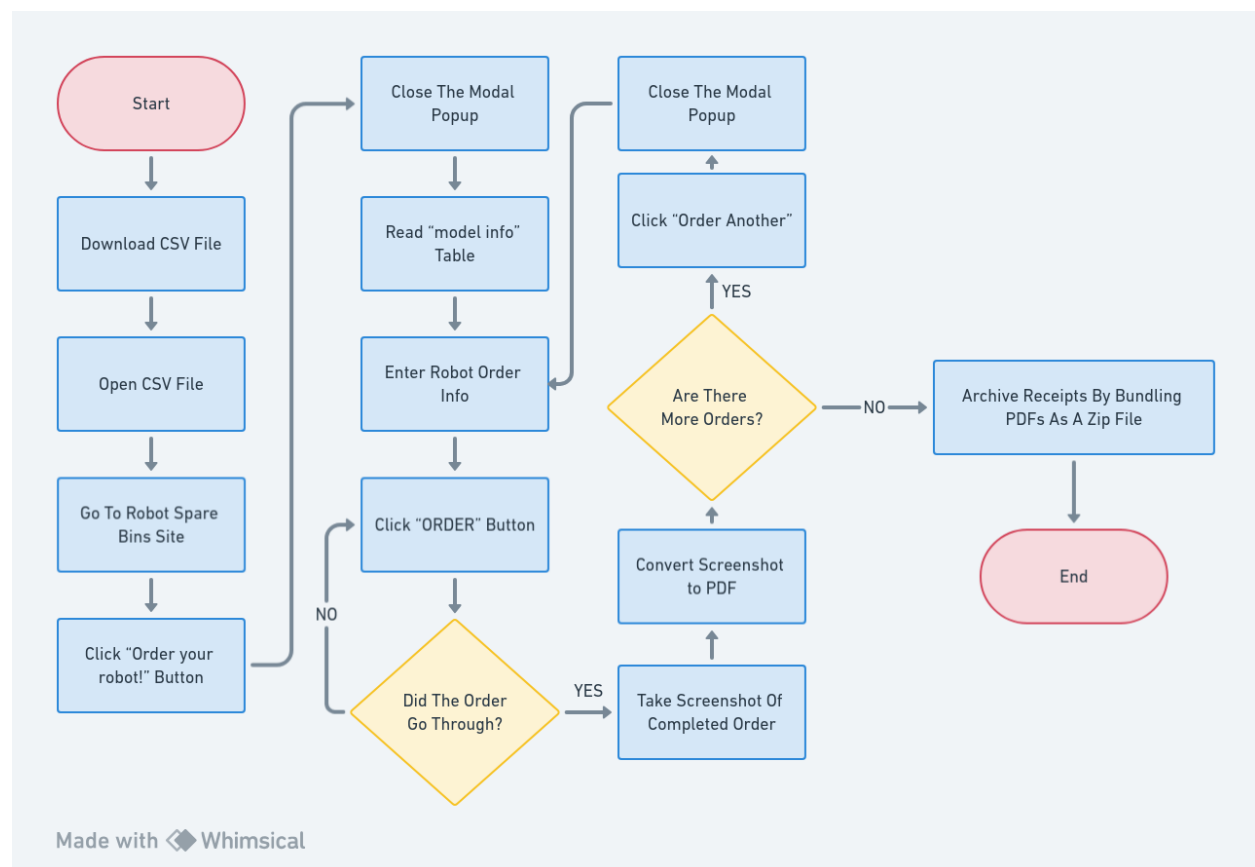
- Orders robots from RobotSpareBin Industries Inc.
- Saves the order HTML receipt as a PDF file.
- Saves the screenshot of the ordered robot.
- Embeds the screenshot of the robot to the PDF receipt.
- Creates a ZIP archive of the receipts and the images.

## Systems Involved

System	Used For	User Role Needed
Microsoft Excel	Getting the data to order the robots	The employee must download it from the site
Website ( <a href="https://robotsparebinindustries.com/#/">https://robotsparebinindustries.com/#/</a> )	Site to place the orders	N/A

## Process Flow

One of the best ways to show the steps of a process is via a flowchart, a widely used convention when describing procedures and algorithms. There is a variety of software to easily create flow charts: good options for example are Diagrams.net (free) or Lucidchart (free with paid option), or Microsoft Visio (paid).



## Steps

### 1. User Downloads And Opens CSV File

The user downloads the csv from this url:

<https://robotsparebinindustries.com/orders.csv>

	A	B	C	D	E	
1	Order number	Head	Body	Legs	Address	
2	1	1	2	3	Address 123	
3	2	4	1	5	Address 456	
4	3	6	2	3	Address 789	
5	4	2	3	2	Address 1	
6	5	3	5	1	Address 2	
7	6	1	6	6	Address 3	
8	7	5	1	5	Address 4	
9	8	2	3	3	Address 5	
10	9	3	2	2	Address 6	
11	10	4	4	2	Address 7	
12	11	6	6	1	Address 8	
13	12	1	3	3	Address 9	
14	13	1	5	4	Address A	
15	14	3	1	5	Address B	
16	15	3	2	6	Address C	
17	16	6	3	6	Address D	
18	17	5	4	1	Address E	
19	18	2	5	1	Address F	
20	19	4	6	2	Address G	
21	20	1	1	5	Address H	
22						

2. User Navigates To Robot Spare Bins Site And Clicks “Order your robot” Button

**RobotSpareBin Industries Inc.**  
The leader in refurbished and dubious quality spare parts for robots, since 1982!

Home Order your robot!

Username  
Password

Psst... You can login using "maria" as username and "thoushallnotpass" as password. Don't tell anyone!

LOG IN

**Hey! Wait a minute... What is this site?**

This is a demonstration site built by [Robocorp](#). We use it for demos and our learning courses. Think about it as a gym for Software Robots!

You are absolutely free to play around with it. Mind you, sometimes it's intentionally a bit buggy! 😊

If this sounds interesting, [visit us](#) to learn how to make your own Software Robots!

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### 3. User Closes Modal Popup

This can be closed by pressing any option besides “no way!”.

**RobotSpareBin Industries Inc.**  
The leader in refurbished and dubious quality spare parts for robots, since 1982!

Home Order your robot!

**Build and order your robot!**

Everyone needs a robot, but all needs are unique. Build your own robot, and we ship it to you as an easy-to-assemble package delivered straight to your front door!

1. Head:  
Headless robots are a thing, but ours only work with one attached. Head along and choose one!

-- Choose a head --

2. Body:  
Requests can be submitted without a body, but not in our store. Pick up a body!

☐ Roll-a-thor body
 ☐ Peanut crusher body
 ☐ D.A.V.E body
 ☐ Andy Roid body
 ☐ Spanner mate body
 ☐ Drillbit 2000 body

3. Legs:  
A robot crawling legless on the factory floor is a thing for nightmares. Leg it up!

Enter the part number for the legs

Where do you want your robot shipped?

Shipping address

Show model info

BY USING THIS ORDER FORM, I GIVE UP ALL MY CONSTITUTIONAL RIGHTS FOR THE BENEFIT OF ROBOTSPAREBIN INDUSTRIES INC.

OK Yep I guess so... No way!

### 4. User Clicks “show model info” Button

Clicking this button opens a table that allows the user to match the part number in the csv with the modal name.

[Home](#)[Order your robot!](#)

### Build and order your robot!

Everyone needs a robot, but all needs are unique. Build your own robot, and we ship it to you as an easy-to-assemble package delivered straight to your front door!

Show model info

1. Head:

Headless robots *are* a thing, but ours only work with one attached. Head along and choose one!

-- Choose a head -- ▾

2. Body:

Requests can be submitted without a body, but not in our store. Pick up a body!

☐ Roll-a-thor body

☐ Peanut crusher body

☐ D.A.V.E body

☐ Andy Roid body

☐ Spanner mate body

☐ Drillbit 2000 body

3. Legs:

A robot crawling legless on the factory floor is a thing for nightmares. Leg it up!

Enter the part number for the legs

Where do you want your robot shipped?

Shipping address

Preview

ORDER

[Home](#)[Order your robot!](#)

### Build and order your robot!

Everyone needs a robot, but all needs are unique. Build your own robot, and we ship it to you as an easy-to-assemble package delivered straight to your front door!

Hide model info

1. Head:

Headless robots *are* a thing, but ours only work with one attached. Head along and choose one!

-- Choose a head -- ▾

2. Body:

Requests can be submitted without a body, but not in our store. Pick up a body!

☐ Roll-a-thor body

☐ Peanut crusher body

☐ D.A.V.E body

☐ Andy Roid body

☐ Spanner mate body

☐ Drillbit 2000 body

3. Legs:

A robot crawling legless on the factory floor is a thing for nightmares. Leg it up!

Enter the part number for the legs

Where do you want your robot shipped?

Shipping address

Preview

ORDER

Model name	Part number
Roll-a-thor	1
Peanut crusher	2
D.A.V.E	3
Andy Roid	4
Spanner mate	5
Drillbit 2000	6

## 5. User Enters A Row's Info Into The Form And Clicks Order Button

5

Home

Order your robot!

## Build and order your robot!

Everyone needs a robot, but all needs are unique. Build your own robot, and we ship it to you as an easy-to-assemble package delivered straight to your front door!

Hide model info

Model name	Part number
Roll-a-thor	1
Peanut crusher	2
D.A.V.E	3
Andy Roid	4
Spanner mate	5
Drillbit 2000	6

**1. Head:**  
Headless robots *are* a thing, but ours only work with one attached. Head along and choose one!

Roll-a-thor head

**2. Body:**  
Requests can be submitted without a body, but not in our store. Pick up a body!

☒ Roll-a-thor body
 ☐ Peanut crusher body

☐ D.A.V.E body
 ☐ Andy Roid body

☐ Spanner mate body
 ☐ Drillbit 2000 body

**3. Legs:**  
A robot crawling legless on the factory floor is a thing for nightmares. Leg it up!

1

Where do you want your robot shipped?

123 Spring Street

Preview

ORDER

If the order is submitted the user moves on. If the user gets an error as shown below they re-click the Order button until the order goes through.

Internal Server Error

Hide model info

Model name	Part number
Roll-a-thor	1
Peanut crusher	2
D.A.V.E	3
Andy Roid	4
Spanner mate	5
Drillbit 2000	6

**1. Head:**  
Headless robots *are* a thing, but ours only work with one attached. Head along and choose one!

Roll-a-thor head

**2. Body:**  
Requests can be submitted without a body, but not in our store. Pick up a body!

☒ Roll-a-thor body
 ☐ Peanut crusher body

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 ☐ Andy Roid body

☐ Spanner mate body
 ☐ Drillbit 2000 body

**3. Legs:**  
A robot crawling legless on the factory floor is a thing for nightmares. Leg it up!

1

Where do you want your robot shipped?

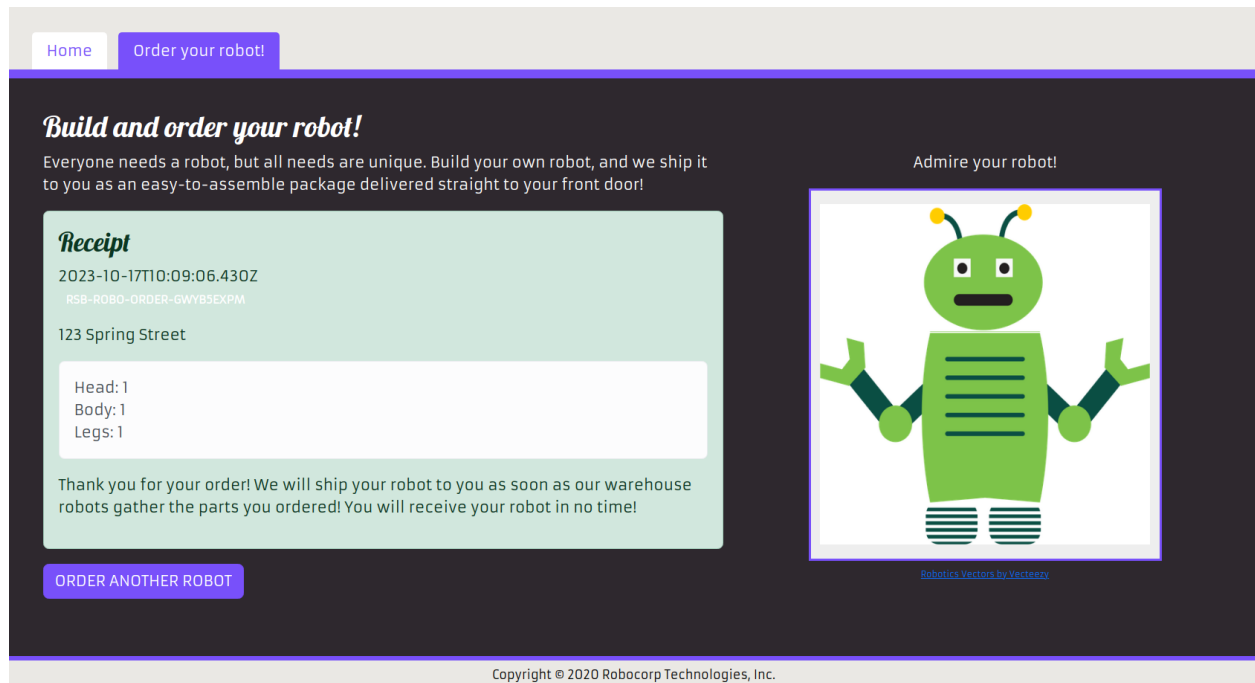
123 Spring Street

Preview

ORDER

Admire your robot!

## 6. User Takes A Screenshot Of the Invoice



## 7. User Converts The Screenshot To PDF

The user creates a new pdf and adds the image of the invoice to it.

## 8. User Repeats Order Process For All Rows In The CSV

To submit another order the user clicks “Order Another”, closes the same modal in step 3, and repeats Steps 4-7.

## 9. User Archives All Invoice PDFs To A Zip File

Once all the pdfs of the invoices are ready the user compiles them into a zip file archive.

# Possible Exceptions

## Logic Exceptions

There are none.

## System Exceptions

The order submission can fail at random but that is accounted for in the automation implementation.