

## Goal of this Game Based Learning:

1. Students will understand the use of various UI and when to use them.
2. The score which they will receive will help them to understand the area of improvement in using UI and automate.

Game-Based Learning: <https://www.rpachallenge.com/>

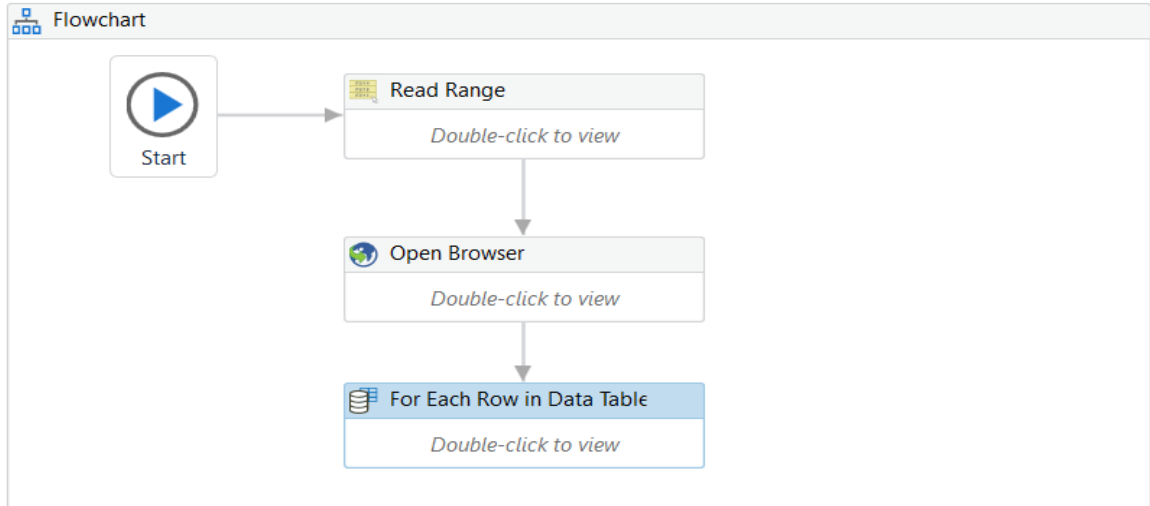
## Instructions to take the challenge:

1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.
2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.
3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.


The screenshot shows the 'RPA Challenge' interface. On the left, there is a blue sidebar with 'Instructions' and a 'DOWNLOAD EXCEL' button. The main area contains a form with the following fields: Address, Last Name, Role in Company, Company Name, First Name, Phone Number, and Email. A red 'SUBMIT' button is located below the form.

## Sample solution:

A	B	C	D	E	F	G
First Name	Last Name	Company Name	Role in Company	Address	Email	Phone Number
John	Smith	IT Solutions	Analyst	98 North Road	jsmith@itsolutions.co.uk	40716543298
Jane	Dorsey	MediCare	Medical Engineer	11 Crown Street	jdorsey@mc.com	40791345621
Albert	Kipling	Waterfront	Accountant	22 Guild Street	kipling@waterfront.com	40735416854
Michael	Robertson	MediCare	IT Specialist	17 Farburn Terrace	mrobertson@mc.com	40733652145
Doug	Derrick	Timepath Inc.	Analyst	99 Shire Oak Road	dderrick@timepath.co.uk	40799885412
Jessie	Marlowe	Aperture Inc.	Scientist	27 Cheshire Street	jmarlowe@aperture.us	40733154268
Stan	Hamm	Sugarwell	Advisor	10 Dam Road	shamm@sugarwell.org	40712462257
Michelle	Norton	Aperture Inc.	Scientist	13 White Rabbit Street	mnorton@aperture.us	40731254562
Stacy	Shelby	TechDev	HR Manager	19 Pineapple Boulevard	sshelby@techdev.com	40741785214
Lara	Palmer	Timepath Inc.	Programmer	87 Orange Street	lpalmer@timepath.co.uk	40731653845

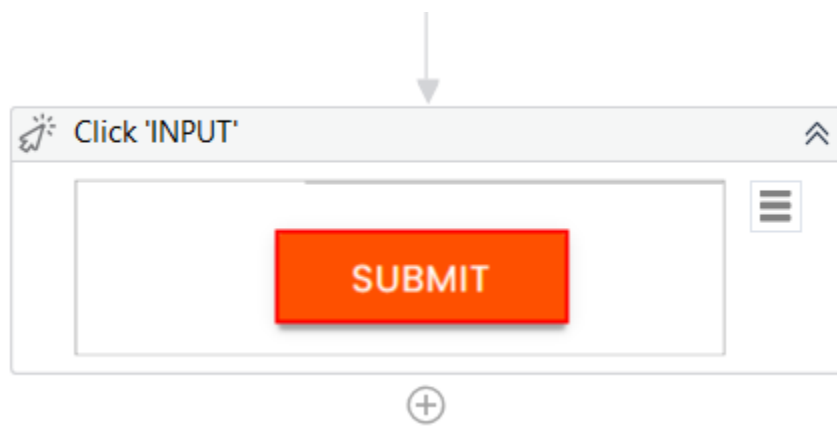
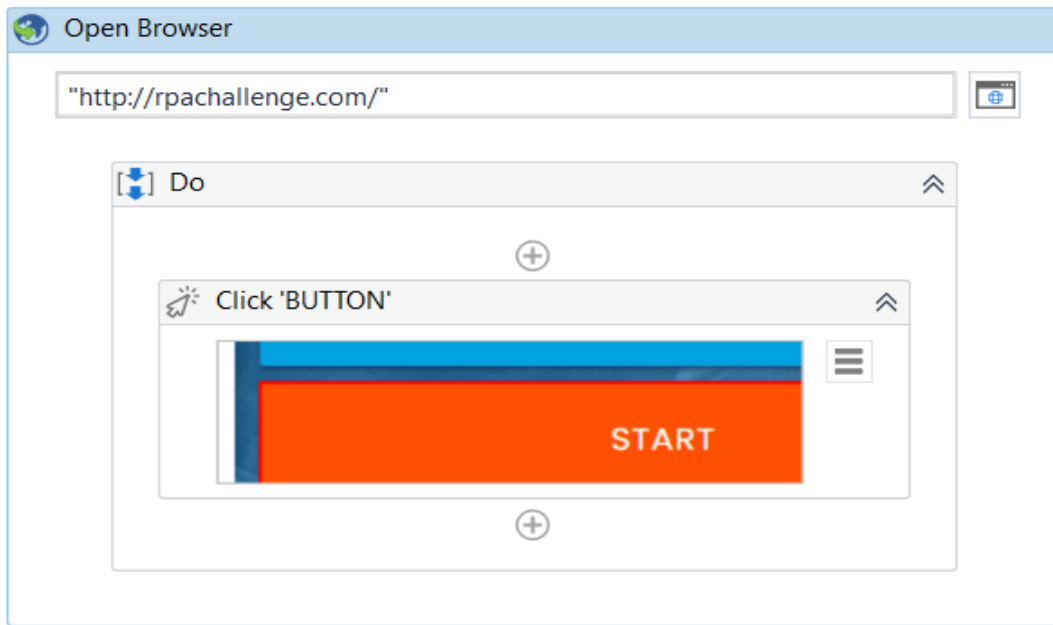


**Read Range**

"C:\Users\hp\Downloads\challenge.xlsx" 

"Sheet1" Range

The "Read Range" dialog box features a light blue header. Below the header, there are two input fields. The first field contains the file path "C:\Users\hp\Downloads\challenge.xlsx" and has a folder icon to its right. The second field contains "Sheet1" and has a "Range" button to its right.



## Instructions

EN

1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.

2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.

3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.

Good luck!

DOWNLOAD EXCEL



RESET

## Congratulations!

Your success rate is 100% ( 70 out of 70 fields) in 113156 milliseconds

Software Process Model:

Link for SimSE: <https://www.ics.uci.edu/~emilyo/SimSE/index.html>



**An Educational, Game-Based  
Software Engineering  
Simulation Environment**



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Welcome to SimSE Online, the Website for SimSE!

**\*\*We are pleased to announce that SimSE was awarded the 2009 Premier Award for Excellence in Engineering Education Courseware\*\***

SimSE is an educational software engineering simulation environment whose goal is to bridge the gap between the large amount of conceptual software engineering knowledge given to students in lectures and the comparably small amount of this they actually get to put into practice in an associated "toy" software engineering project. SimSE allows students to practice a "virtual" software engineering process (or sub-process) in a fully graphical, interactive, and fun setting in which direct, graphical feedback enables them to learn the complex cause and effect relationships underlying the processes of software engineering. Here is a glimpse of a SimSE game.



Video showing how to play the game: <https://www.youtube.com/watch?v=IjPHJrj6Pc>

About the game:

In SimSE, the player takes the role of a project manager who has a team of developers. The player manages the software development by hiring and firing resources assigning task, buy tools and monitor the progress of the project. The player creates virtual people called "Sims" and places them in houses and helps direct their moods and satisfy their desires. Players can either place their Sims in pre-constructed homes or build them themselves