K L UNIVERSITY

FRESHMAN ENGINEERING DEPARTMENT

A PROJECT BASED LAB Report

on

CREATING AN BOT THAT WILL BOOK MOVIE TICKETS.

SUBMITTED BY ID NO. NAMES

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UNDER THE ESTEEMED GUIDANCE OF

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ASST. PROFESSOR

KL UNIVERSITY

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DEPARTMENT OF BASIC ENGINEERING SCIENCES

CERTIFICATE

This is to certify that the project based laboratory report submitted by NUNNA VAMSI KRISHNA bearing Regd. No. 2000030732 and THUPAKULA TEJA HARI KRISHNA bearing Regd. No. 2000030999 to the Department of Computer Science Engineering, KL University in partial fulfilment of the requirements for the completion of a project in "ROBOTICS PROCESS AUTOMATION" course, is a bonafide record of the work carried out by him under my supervision during the academic year 2020-21.

PROJECT SUPERVISOR

Mrs. Kavitha

HEAD OF THE DEPARTMENT

Dr. Hari Kiran Vege.

ACKNOWLEDGEMENT

It is great pleasure for me to express my gratitude to our honorable President Sri. Koneru Satyanarayana, for giving the opportunity and platform with facilities in accomplishing the project-based laboratory report.

I express sincere gratitude to Dr. Hari Kiran Vege for her leadership and constant motivation provided in successful completion of our academic semester. I record it as my privilege to deeply thank for providing us the efficient faculty and facilities to make our ideas into reality.

I express my sincere thanks to our project supervisor Mrs. Kavitha for his/her novel association of ideas, encouragement, appreciation and intellectual zeal which motivated us to venture this project successfully.

Finally, it is pleased to acknowledge the indebtedness to all those who devoted themselves directly or indirectly to make this project report success.

ID NUMBERS	NAMES
2000030732	**NUNNA VAMSI KRISHNA**
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ABOUT BLUE PRISM

Process Studio:

A Blue Prism Process is created as a diagram that looks much like a common business flow diagram. Processes are created in an area of Blue Prism called Process Studio which, as we will see, looks similar to other process modelling applications (such MS Visio) and uses standard flow diagram symbols and notation. The key difference with a Blue Prism diagram is that it is not an inert two dimensional representation of a Process. Rather, it is the graphical representation of a working computer program, one that will interact with applications, manipulate data and perform decisions and Calculations.

Object Studio:

In Blue Prism, a business object is an object that models the applications that the robot interacts with. As we will see in a moment, we use business objects to do cool stuff such as the following: Opening and closing an application Writing into text boxes Reading messages on screen Clicking on links and submit buttons The key reason for business objects to be a separate entity from processes is because business objects can be shared by multiple processes. In a real-world scenario, you are likely to have more than one process working with the same application.

INTRODUCTION

In this Project We are going to develop a bot that will book movie tickets from bookmyshow (atom tickets) based on the data given to the bot from excel. (Since no theatres are working in India due to pandemic, we had done the same task in an American website named atom tickets.)

AIM :

To develop a bot that will book movie tickets from bookmyshow (atom tickets) based on the data given to the bot from excel.

SYSTEM REQUIREMENTS :

1. Windows 10

2. 4GB Memory

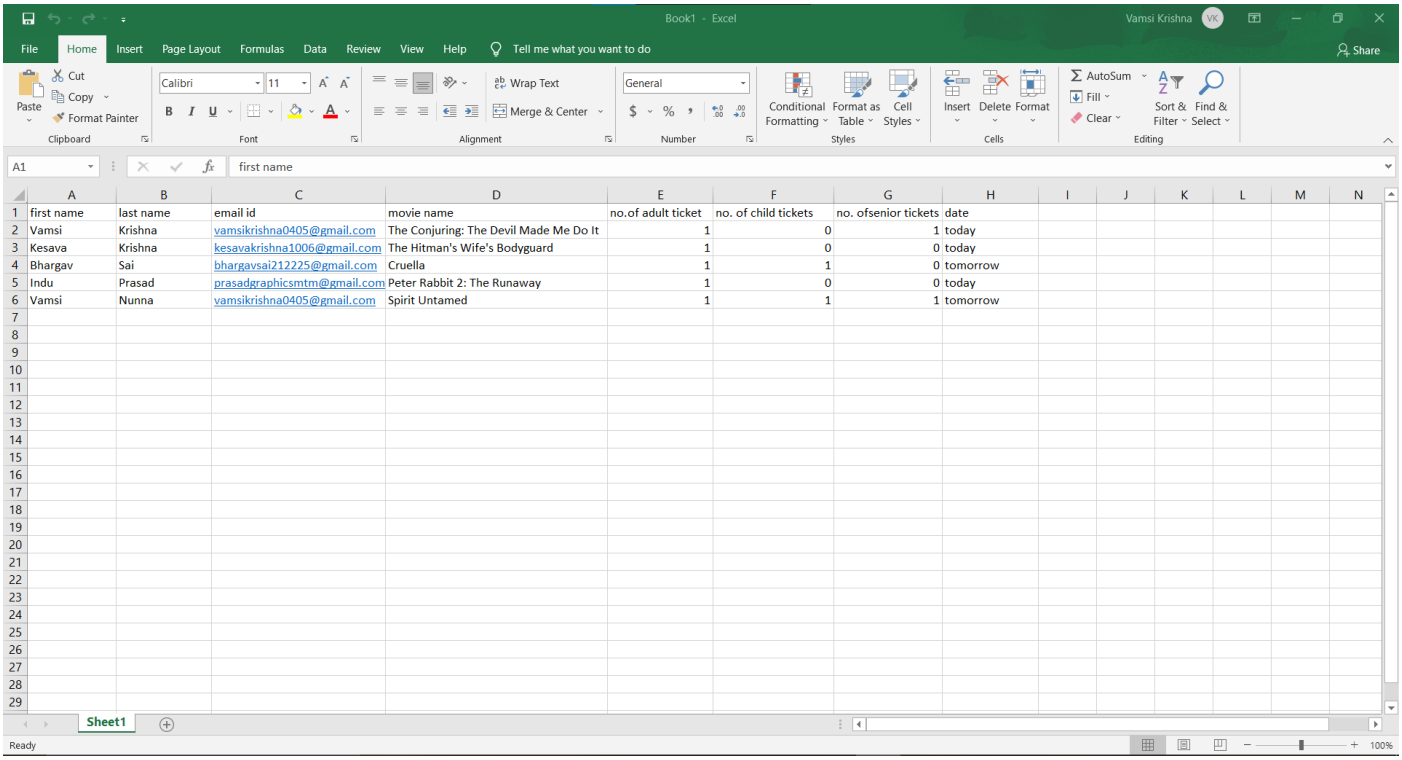
3. 15GB Free Space HDD SOFTWARES

SOFTWARES REQUIRED :

1. Blueprism Software.

2. SQL Server 2019.

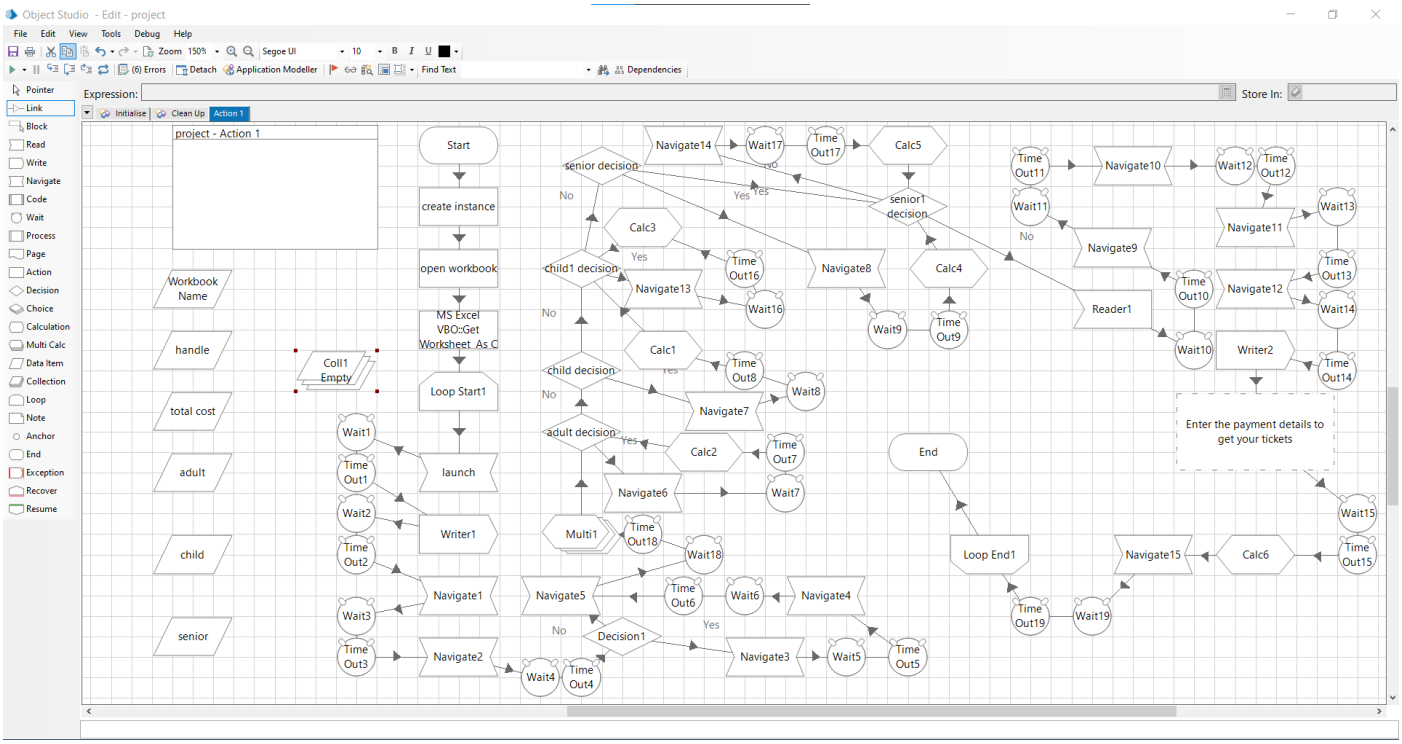
INPUTS :



	A	B	C	D	E	F	G	H
1	first name	last name	email id	movie name	no.of adult ticket	no. of child tickets	no. ofsenior tickets	date
2	Vamsi	Krishna	vamsikrishna0405@gmail.com	The Conjuring: The Devil Made Me Do It	1	0	1	today
3	Kesava	Krishna	kesavakrishna1006@gmail.com	The Hitman's Wife's Bodyguard	1	0	0	today
4	Bhargav	Sai	bhargavsai212225@gmail.com	Cruella	1	1	0	tomorrow
5	Indu	Prasad	prasadgraphicsmtm@gmail.com	Peter Rabbit 2: The Runaway	1	0	0	today
6	Vamsi	Nunna	vamsikrishna0405@gmail.com	Spirit Untamed	1	1	1	tomorrow

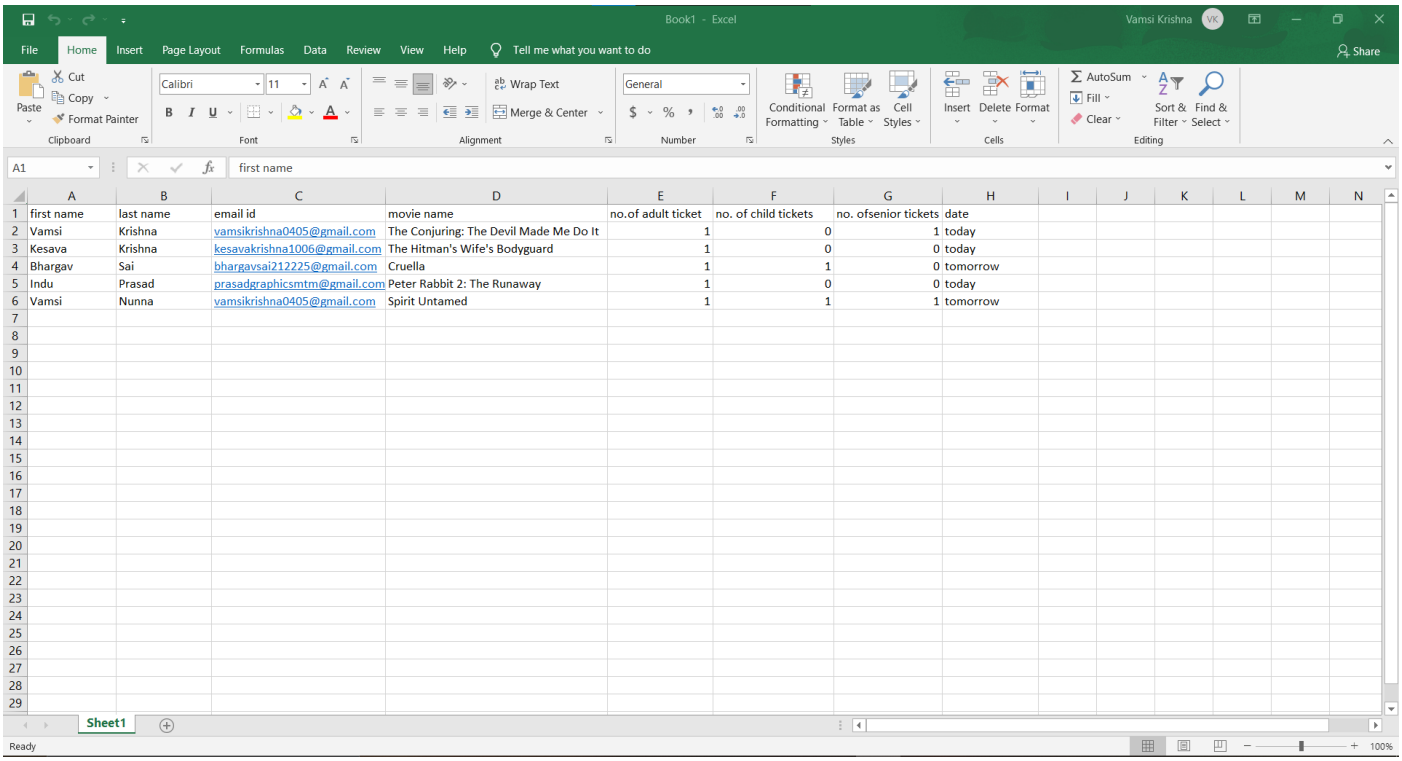
We have taken this Sample Data from an External Excel Sheet using BluePrism Software and have stored this data in a Collection.

BLUE PRISM PROCESS :



Step 1 :

We have created a sample Excel Sheet and put some sample data with movie name, email id.no, of tickets, date etc., in that sheet. (Shown on below fig.)



	A	B	C	D	E	F	G	H
1	first name	last name	email id	movie name	no.of adult ticket	no. of child tickets	no. ofsenior tickets	date
2	Vamsi	Krishna	vamsikrishna0405@gmail.com	The Conjuring: The Devil Made Me Do It	1	0	1	today
3	Kesava	Krishna	kesavakrishna1006@gmail.com	The Hitman's Wife's Bodyguard	1	0	0	today
4	Bhargav	Sai	bhargavsai212225@gmail.com	Cruella	1	1	0	tomorrow
5	Indu	Prasad	prasadgraphicsmtm@gmail.com	Peter Rabbit 2: The Runaway	1	0	0	today
6	Vamsi	Nunna	vamsikrishna0405@gmail.com	Spirit Untamed	1	1	1	tomorrow

Step 2 :

We had taken the data from the sample Excel Sheet and stored that data in a collection named Coll1.

Step 3 :

Here the bot will start's the loop by giving the Coll1 as collection. Then the bot will launch the Atom tickets web page by pasting the URL link of the webpage in the Application Modeller from Chrome.

Step 4 :

Now the bot will enter the movie name which was given in the excel sheet using Write stage

Step 5 :

Now the bot will click all the required buttons using Navigate stage.

Step 6 :

Here the bot will set the date that is given in the excel sheet.

Step 7 :

Now the bot will set the number the tickets of each age group of the people given by using various decision stages.

Step 8 :

Now the bot will store the price of the tickets in an data item called total cost by using read stage

Step 9 :

Now the bot will click all the required buttons using Navigate stage.

Step 10 :

Now the bot will enter the first name, last name, email id in the boxes given in webpage.

Step 11 :

Now we have to enter the payment options then the tickets will be booked successfully

Step 12 :

The loop will run for all the again util when all the people's tickets were booked. The total cost of all the people can be seen in Coll1 current values. (shown in fig. 1)

OUTPUTS:

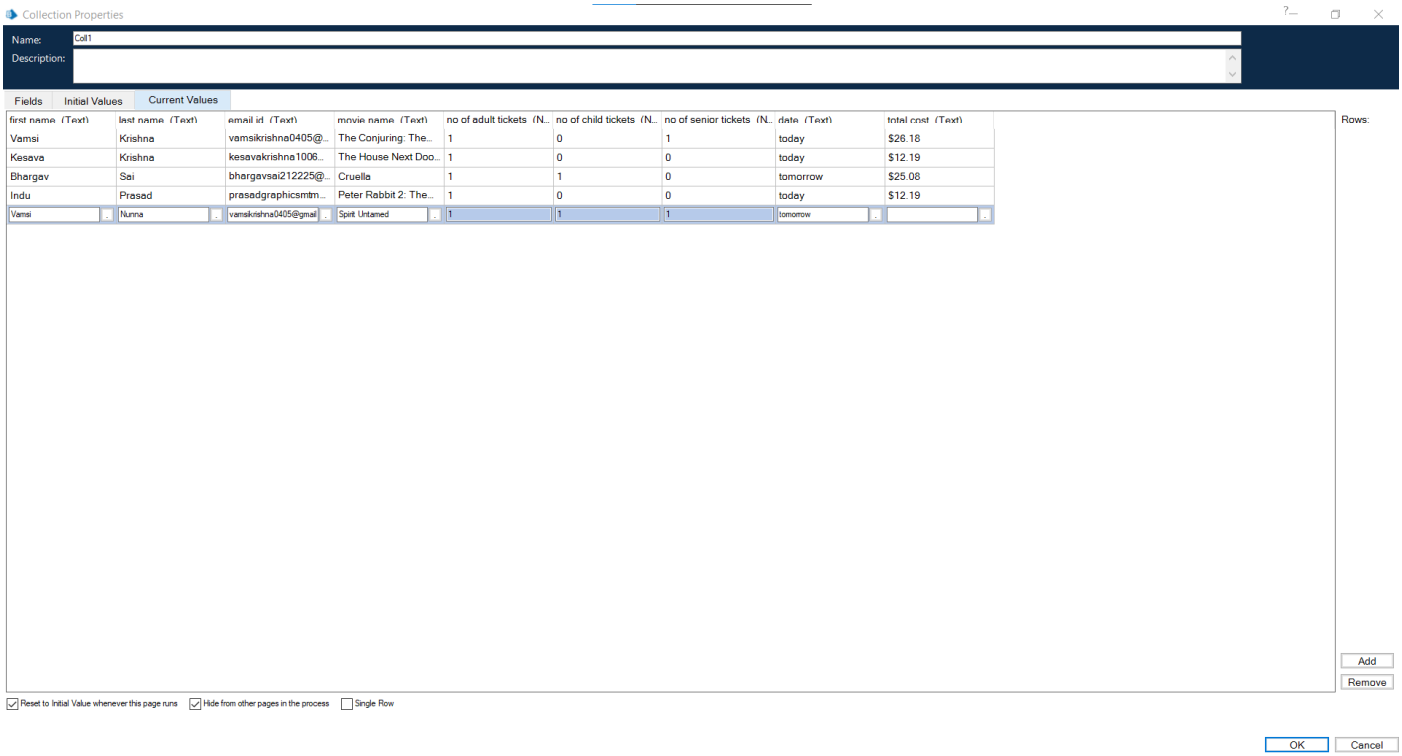
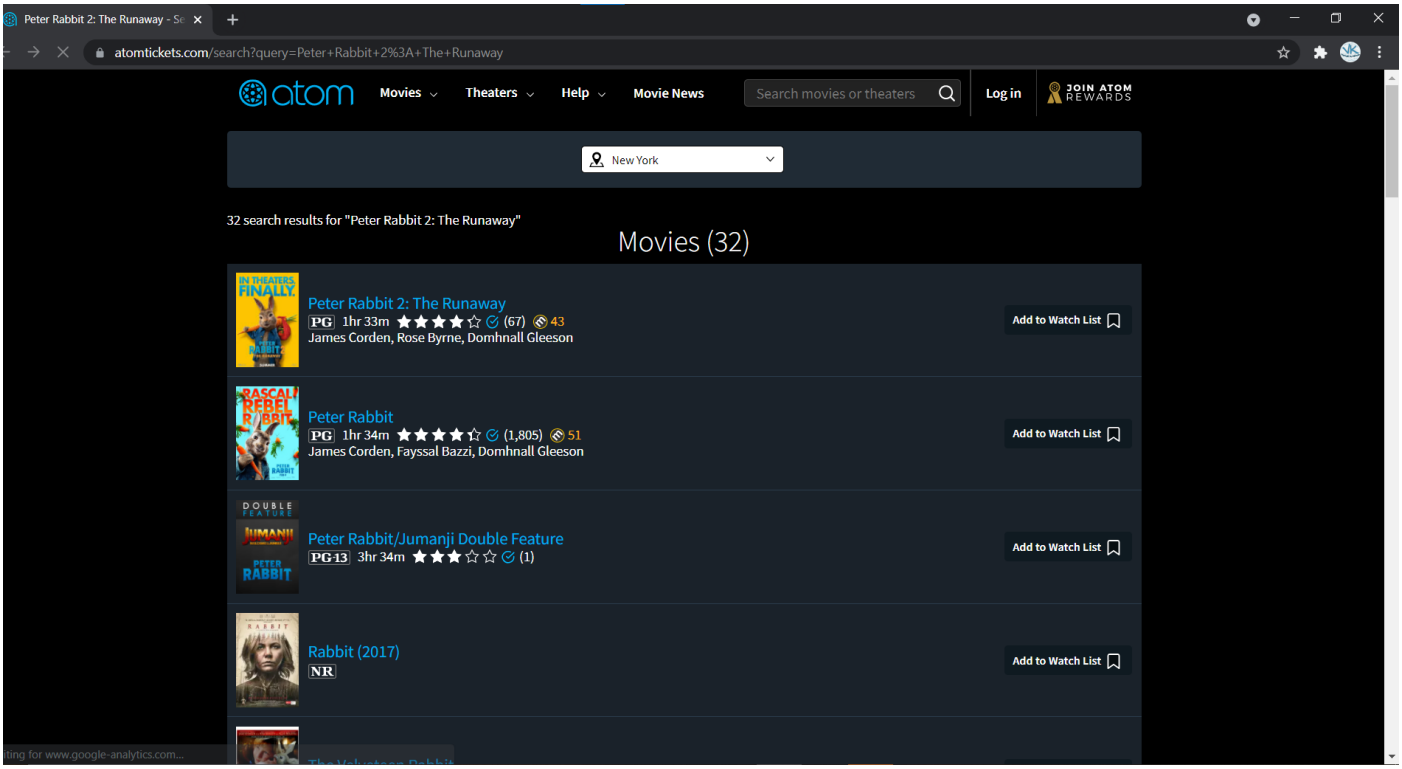
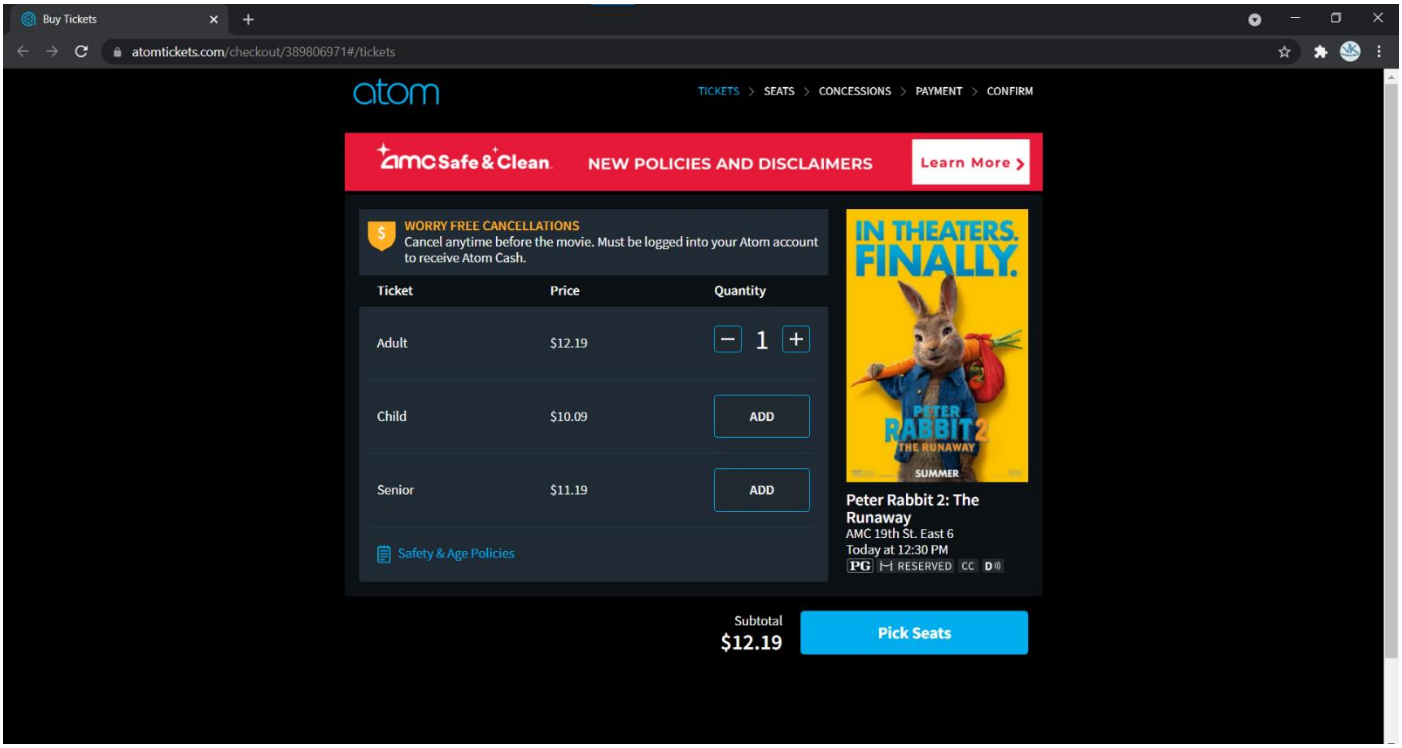
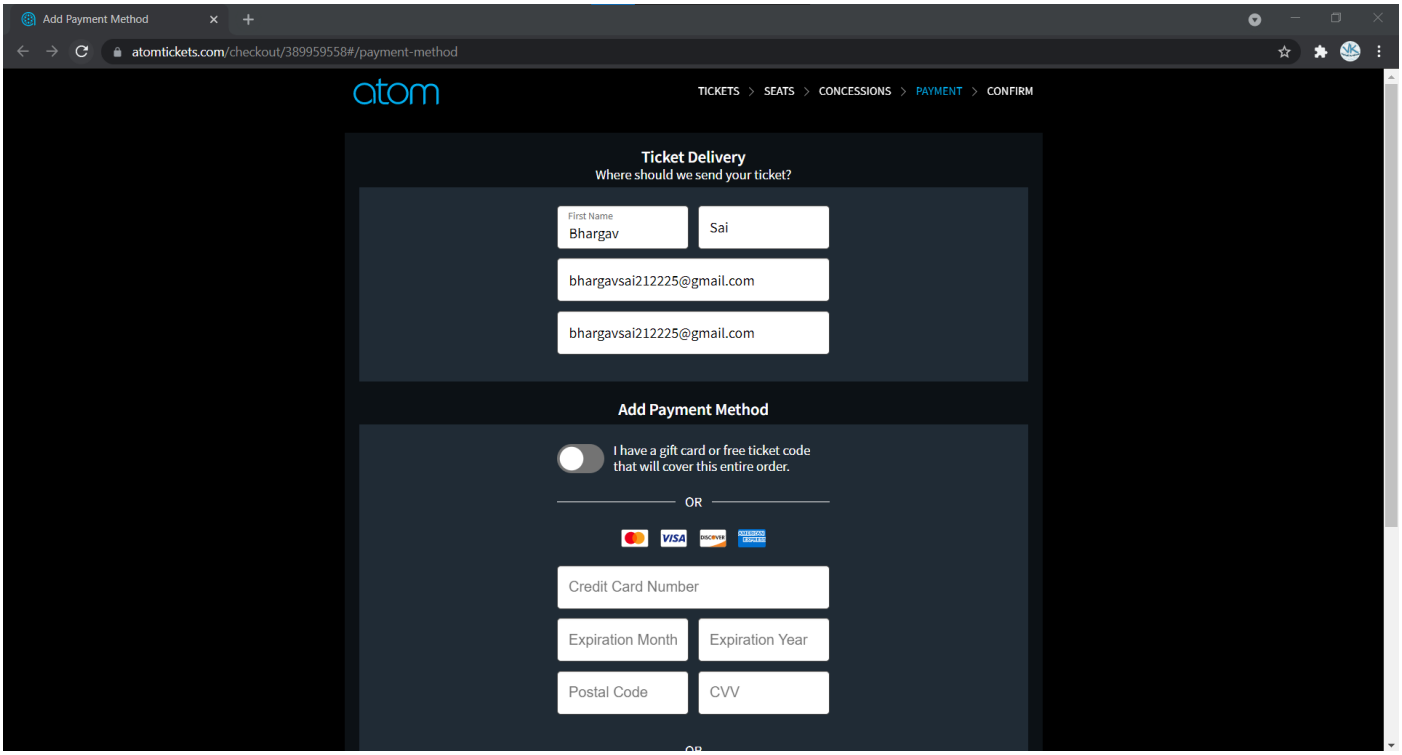


Fig. 1

SCREENSHOTS:







Conclusion:

In this Project we had successfully developed a bot that will book movie tickets from bookmyshow (atom tickets) based on the data given to the bot from excel.