**INTERNSHIP** 2020

RPA AUTOMATION- **G1ANT**

**PROJECT:-** TRAVEL ARRANGMENTS

**INPUTS:-** stay **+** travel( air, road, rail, sea).

**WEBSITE:-** [WWW.YATRA.COM](http://WWW.YATRA.COM), MAKEMYTRIP.COM

**SOFTWARE:-** VISUAL STUDIO, G1ANT

PROJECT CONTRIBUTORS

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SUNIL ADSUL

PROJECT LEAD

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**Asia Pacific Community Lead**

**APPENDIX**

1. Introduction…….

2. Project……..

3. Commands……….

* travelbookbusCommand.cs
* travelbookcabCommand.cs
* travelbookcruiseCommand.cs
* travelbookflightCommand.cs
* travelbookhotelCommand.cs
* travelbooktrainCommand.cs
* travelclickCommand.cs
* yatraloginCommand.cs

4. G1ANT.robot Script

5. Credential Container

6. Conclusion

**INTRODUCTION**

In this project we developed add-on using selenium commands, api, enums. This was very good experience, while gaining some knowledge. This project developed by the two contributors **Sunil Adsul** & **Rishabh Mishra.** In this coding we developed commands and made automation testing. This addon is made for [www.yatra.com](http://www.yatra.com), www.makemytrip.com. The automation made for automatic booking, login and logout. So user is able to make his journey. The code developed in the software called ‘Visual Studio 19’, & then tested using bot called ‘G1ant Studio’. In the g1ant studio we can run our project which created in the ‘Visual Studio 19’.

During project creation we faced some difficulties like, finding Proper xpath. **XPath** (XML Path Language) is a query language for selecting nodes from an XML document. In addition, **XPath** may be used to compute values (e.g., strings, numbers, or Boolean values) from the content of an XML document. Also the arguments is necessary parameters to cover the program output**,** To set command-line **arguments in Visual Studio**, right click on the project name, then go to Properties. In the Properties Pane, go to "Debugging", and in this pane is a line for "Command-line **arguments**." Add the values you would like to use on this line. They will be passed to the program via the argv array.

**PROJECT**

**G1ANT.robot**

G1ANT.Robot was created to accelerate automations so you can scale up fast and enhance your company’s growth rapidly by not having to grow organically. Instead, since G1ANT.Robot can emulate human tasks performed on a computer, by automating time-consuming, repetitive and manual processes, you will be able to free up resources to spend more time with customers or perform more creative tasks, therefore enhancing effectiveness and productivity.

**VISUAL STUDIO**

**Microsoft Visual Studio** is an [integrated development environment](https://en.wikipedia.org/wiki/Integrated_development_environment) (IDE) from [Microsoft](https://en.wikipedia.org/wiki/Microsoft). It is used to develop [computer programs](https://en.wikipedia.org/wiki/Computer_program), as well as [websites](https://en.wikipedia.org/wiki/Web_site), [web apps](https://en.wikipedia.org/wiki/Web_app), [web services](https://en.wikipedia.org/wiki/Web_service) and [mobile apps](https://en.wikipedia.org/wiki/Mobile_app). Visual Studio uses Microsoft software development platforms such as [Windows API](https://en.wikipedia.org/wiki/Windows_API), [Windows Forms](https://en.wikipedia.org/wiki/Windows_Forms), [Windowss Presentation Foundation](https://en.wikipedia.org/wiki/Windows_Presentation_Foundation" \o "Windows Presentation Foundation), [Windows Store](https://en.wikipedia.org/wiki/Windows_Store) and [Microsoft Silverlight](https://en.wikipedia.org/wiki/Microsoft_Silverlight). It can produce both [native code](https://en.wikipedia.org/wiki/Machine_code) and [managed code](https://en.wikipedia.org/wiki/Managed_code).

**G1ANT** **Script**

addon net version 4.103.0.0

addon core version 4.106.0.0

addon language version 4.105.0.0

addon xlsx version 4.104.0.0

addon travel version 1.0.0.0

xlsx.open path ♥environment⟦USERPROFILE⟧\Desktop\travelling.xlsx result ♥xlsx1

xlsx.getvalue row 2 colname c result ♥email

xlsx.getvalue row 2 colname a result ♥firstname

xlsx.getvalue row 2 colname b result ♥lastname

xlsx.getvalue row 2 colname e result ♥gender

xlsx.getvalue row 2 colname f result ♥age

xlsx.getvalue row 2 colname g result ♥addline

xlsx.getvalue row 2 colname h result ♥state

xlsx.getvalue row 2 colname i result ♥pincode

xlsx.getvalue row 2 colname j result ♥phonenumber

xlsx.getvalue row 2 colname k result ♥from

xlsx.getvalue row 2 colname l result ♥to

xlsx.getvalue row 2 colname m result ♥city

xlsx.getvalue row 2 colname n result ♥ocean

xlsx.getvalue row 2 colname o result ♥pancard

♥login = ♥credential⟦gmail:login⟧

♥password = ♥credential⟦gmail:pass⟧

dialog.ask message ‴Hello user, Which service you want to book (Flights,bus,Cab,Train,Cruise,Hotel)?‴ result ♥pre

mail.imap host imap.gmail.com port 993 login ♥login password ♥password sincedate ♥date todate ♥date onlyunreadmessages true

mail.smtp imap.gmail.com login ♥login password ♥password from ♥login to ♥email subject ‴Preference‴ body ‴Hello, Please send your transport preference. Thank You‴

mail.smtp imap.gmail.com login ♥login password ♥password from ♥login to ♥login subject ♥pre body ♥pre

imap.getmails sincedate ♥date todate ♥date onlyunreadmessages True result ♥result

-dialog ♥list

foreach ♥element in ♥result

xlsx.setvalue value ♥element row 2 colname d

end

xlsx.getvalue row 2 colname d result ♥preference

xlsx.close id ♥xlsx1

delay 2

xlsx.open path ♥environment⟦USERPROFILE⟧\Desktop\travelling.xlsx result ♥xlsx2

xlsx.getvalue row 2 colname d result ♥preference

delay 1

dialog ♥preference

if ♥preference=="Flights"

call name aeroplane

else if ♥preference=="bus"

call name buses

else if ♥preference=="Cab"

call name cabs

else if ♥preference=="Train"

call name trains

else if ♥preference=="Cruise"

call name cruises

else if ♥preference=="Hotel"

call name hotels

end

mail.smtp imap.gmail.com login ♥login password ♥password from ♥login to ♥email subject ‴BOOKING COMFIRMED‴ body ‴Thank You. Your book is comfirmed Have a safe journey :)‴

procedure aeroplane

travel.flight from ♥from to ♥to firstname ♥firstname lastname ♥lastname search

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/div[1]/div[2]/label‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/div[1]/div[2]/div[1]/div/div/div/input‴ by xpath

keyboard ♥to

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/div[1]/div[1]/label‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/div[1]/div[1]/div[1]/div/div/div/input‴ by xpath

keyboard ♥from

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/p/a‴ by xpath

delay 5

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[2]/div[3]/div/div[1]/div[1]/div[1]/div/div/div/div[4]/button‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[2]/div[3]/div/div[1]/div[3]/div[1]/div[2]/div[2]/div[2]/button‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div[1]/div[1]/div[5]/button‴ by xpath

- travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div[1]/div[1]/div[7]/p[3]/span[1]‴ by xpath

delay 5

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[3]/div[2]/div/div/a‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[3]/div[2]/div/div/div[2]/div/div[2]/div/div[1]/div[1]/div/input‴ by xpath

keyboard ♥firstname

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[3]/div[2]/div/div/div[2]/div/div[2]/div/div[1]/div[2]/div/input‴ by xpath

keyboard ♥lastname

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[3]/div[2]/div/div/div[2]/div/div[2]/div/div[1]/div[3]/div/div/label[1]‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[3]/div[2]/div/div/div[2]/div/div[2]/div/div[2]/div[1]/p‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[4]/div/div/div[2]/div/input‴ by xpath

keyboard ♥phonenumber

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[4]/div/div/div[3]/div/input‴ by xpath

keyboard ♥email

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div[1]/form/div[6]/div/div/button‴ by xpath

delay 2

travel.click search ‴/html/body/div[1]/div/div[2]/div[3]/p[2]/a[2]‴ by xpath

delay 5

travel.click search ‴/html/body/div/div/div/div/div[5]/div[2]/p[5]/a‴ by xpath

delay 2

travel.click search ‴/html/body/div/div/div/div/div[3]/div[2]/div/div/div[2]/div/div[10]/div[7]/div/div‴ by xpath

delay 2

travel.click search ‴/html/body/div/div/div/div/div[4]/div[2]/div[2]/div/a‴ by xpath

delay 5

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/ul/li[2]/a/span[2]‴ by xpath

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[1]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:number⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[3]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:name⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/span[1]/select‴ by xpath

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/span[2]/select‴ by xpath

keyboard ‴2023‴

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/div/span[1]/input‴ by xpath

keyboard ♥credential⟦card:cvv⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[1]/p[2]/select‴ by xpath

keyboard india

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[2]/p[2]/textarea‴ by xpath

keyboard ♥credential⟦card:add⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[1]/input‴ by xpath

keyboard ♥credential⟦card:city⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[2]/input‴ by xpath

keyboard ♥credential⟦card:pincode⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[3]/input‴ by xpath

keyboard ♥credential⟦card:state⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[16]/div[2]/p[1]/button[3]/span‴ by xpath

dialog message ‴Congratulations !!!! Your ticket from ♥from to ♥to is booked !! Happy and safe journey‴

end

procedure buses

delay 5

travel.bus from ♥from to ♥to firstname ♥firstname age ♥age email ♥email phnnumber ♥phonenumber search

delay 5

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/ul/li[2]/a/span[2]‴ by xpath

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[1]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:number⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[3]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:name⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/span[1]/select‴ by xpath

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/span[2]/select‴ by xpath

keyboard ‴2023‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[4]/div/span[1]/input‴ by xpath

keyboard ♥credential⟦card:cvv⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[1]/p[2]/select‴ by xpath

keyboard india

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[2]/p[2]/textarea‴ by xpath

keyboard ♥credential⟦card:add⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[1]/input‴ by xpath

keyboard ♥credential⟦card:city⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[2]/input‴ by xpath

keyboard ♥credential⟦card:pincode⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[15]/div/div[6]/div[3]/span[3]/input‴ by xpath

keyboard ♥credential⟦card:state⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[16]/div[2]/p[1]/button[3]/span‴ by xpath

dialog message ‴Congratulations !!!! Your ticket from ♥from to ♥to is booked !! Happy and safe journey‴

-travel.click search ‴‴

end

procedure cruises

travel.login email ♥credential⟦yatra:login⟧ pass ♥credential⟦yatra:pass⟧ search

delay 5

travel.cruise from ♥ocean firstname ♥firstname age ♥age search

delay 10

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[1]/div[2]/div/div[2]‴ by xpath

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[1]/div[2]/div/div[2]/input‴ by xpath

keyboard ♥ocean

keyboard ⋘ENTER⋙

delay 5

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[2]/div[2]‴ by xpath

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[2]/div[2]/div/div[2]/input‴ by xpath

keyboard ‴dec‴

keyboard ⋘ENTER⋙

delay 2

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[3]‴ by xpath

travel.click search ‴/html/body/div[2]/div/section/div[1]/div/div[1]/section/div/div/div/ody-search-form/div/div/div/div[2]/div/div/div/div[3]/div[2]/div/div[2]/input‴ by xpath

keyboard ‴1‴

keyboard ⋘ENTER⋙

travel.click search ‴SearchBTN‴ by id

delay 5

travel.click search ‴/html/body/swift-ui/div[1]/cruise/result-container-component/div[2]/div/div/div[2]/cruise-container-component/div/cruise-item-component/div/div/cruise-sailing-component/div/div/div/table/tbody/tr/td[8]/button‴ by xpath

travel.click search ‴/html/body/swift-ui/div[1]/cruise/package-details-wrapper/package-details/div/div/div/div[2]/div[2]/div[2]/a‴ by xpath

travel.click search ‴/html/body/modal-container/div/div/guest-info/form/stepper/step/div/div/div[2]/div/div[1]/div[1]/div/div/select‴ by xpath

keyboard ‴1‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/modal-container/div/div/guest-info/form/stepper/step/div/div/div[2]/div/div[1]/div[3]/div/div/input‴ by xpath

keyboard ♥age

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/modal-container/div/div/guest-info/form/stepper/step/div/div/div[3]/button‴ by xpath

delay 15

travel.click search ‴/html/body/div[5]/div[3]/div[4]/div/div[2]/div[2]/form/div[3]/div[2]/div/div/div[1]/div/div/div/div[1]/div/div[3]/div/div[5]/div/a‴ by xpath

delay 10

travel.click search ‴/html/body/div[5]/div[3]/div[4]/div/div[2]/div[2]/form/div[2]/div[3]/div[1]/div[2]/div[2]/div/table/tbody/tr[1]/td[3]/a‴ by xpath

delay 5

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[1]/div/div[1]/div/select‴ by xpath

keyboard ‴Mr‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[2]/div/div/input‴ by xpath

keyboard ♥firstname

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[4]/input‴ by xpath

keyboard ♥lastname

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[5]/div/div/div[1]/select‴ by xpath

keyboard ‴2‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[5]/div/div/div[2]/select‴ by xpath

keyboard ‴jan‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[5]/div/div/div[3]/select‴ by xpath

keyboard ‴2000‴

keyboard ⋘ENTER⋙

-pan card

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[2]/div[6]/input‴ by xpath

keyboard ♥pancard

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[3]/div/div[1]/input‴ by xpath

keyboard ♥addline

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[3]/div/div[4]/div/select‴ by xpath

keyboard ♥state

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[3]/div/div[5]/input‴ by xpath

keyboard ♥state

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[2]/div/div[2]/div[3]/div/div[6]/input‴ by xpath

keyboard ♥pincode

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[1]/div/div[4]/input‴ by xpath

delay 5

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[2]/div/div[1]/div/div/div[1]/div[2]/div[1]/input‴ by xpath

keyboard ♥email

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[2]/div/div[1]/div/div/div[1]/div[2]/div[2]/div/span/div/div/input‴ by xpath

keyboard ♥phonenumber

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[2]/div/div[1]/div/div/div[1]/div[2]/div[3]/div/span/div/div/input‴ by xpath

keyboard ♥phonenumber

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[4]/div/div[1]/input[2]‴ by xpath

delay 2

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[5]/div/div[6]/div[2]/label/span‴ by xpath

travel.click search ‴/html/body/div[5]/div[3]/div[5]/div/div[2]/div[2]/form/div[9]/div[8]/div[5]/div/div[10]/input‴ by xpath

end

procedure cabs

travel.cab from ♥from to ♥to firstname ♥firstname lastname ♥lastname add ♥addline email ♥email phnnumber ♥phonenumber search

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/div/div[2]/label‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/div/div[2]/div[1]/div/div/div/input‴ by xpath

keyboard ♥to

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/p/a‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/div/div[1]/label‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/div/div[1]/div[1]/div/div/div/input‴ by xpath

keyboard ♥from

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div/div/div[2]/div/div/div[2]/p/a‴ by xpath

delay 5

travel.click search ‴/html/body/div/div/div[2]/div[2]/div[2]/div[1]/ul/div[1]/li/div[3]/div/a/span‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div[2]/div/div[1]/div[4]/div/div[1]/div/input‴ by xpath

keyboard ♥addline

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div/div/div[2]/div/div[2]/div/div[1]/div[4]/div/div[2]/div[1]/div[1]/div[1]/input‴ by xpath

delay 1

keyboard ♥firstname

delay 2

travel.click search ‴/html/body/div/div/div[2]/div/div[2]/div/div[1]/div[4]/div/div[2]/div[1]/div[1]/div[2]/input‴ by xpath

keyboard ♥email

travel.click search ‴/html/body/div/div/div[2]/div/div[2]/div/div[1]/div[4]/div/div[2]/div[1]/div[1]/div[3]/div/input[2]‴ by xpath

keyboard ♥phonenumber

travel.click search ‴/html/body/div/div/div[2]/div/div[2]/div/div[2]/div[3]/div[1]/a‴ by xpath

delay 5

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/ul/li[2]/a/span[2]‴ by xpath

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[1]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:number⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[3]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:name⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[4]/span[1]/select‴ by xpath

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[4]/span[2]/select‴ by xpath

keyboard ‴2023‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[4]/div/span[1]/input‴ by xpath

keyboard ♥credential⟦card:cvv⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[6]/div[1]/p[2]/select‴ by xpath

keyboard india

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[6]/div[2]/p[2]/textarea‴ by xpath

keyboard ♥credential⟦card:add⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[6]/div[3]/span[1]/input‴ by xpath

keyboard ♥credential⟦card:city⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[6]/div[3]/span[2]/input‴ by xpath

keyboard ♥credential⟦card:pincode⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[11]/div/div[6]/div[3]/span[3]/input‴ by xpath

keyboard ♥credential⟦card:state⟧

travel.click search ‴/html/body/div[4]/div[3]/div[3]/div[2]/div/form[1]/div/div/div[12]/div[2]/p[1]/button[3]/span‴ by xpath

dialog message ‴Congratulations !!!! Your ticket from ♥from to ♥to is booked !! Happy and safe journey‴

end

procedure hotels

travel.hotel city ‴Delhi‴ firstname ‴Rishabh‴ lastname ‴Mishra‴ search

keyboard ⋘ESC⋙

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div[2]/div/p/button‴ by xpath

delay 2

travel.click search ‴/html/body/div[1]/div/div[3]/div[1]/div[3]/div[2]/div/div/div[2]/a/div/div[1]/div[2]/div[1]‴ by xpath

delay 2

travel.click search ‴/html/body/div[1]/div/div[3]/div[1]/div/div[2]/div[2]/div/div/div[3]/div[1]/div/p/span/a‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[3]/div/div[2]/div/div[1]/div[5]/div/form/div[1]/div[2]/div/input‴ by xpath

keyboard ♥firstname

travel.click search ‴/html/body/div[1]/div/div[3]/div/div[2]/div/div[1]/div[5]/div/form/div[1]/div[3]/div/input‴ by xpath

keyboard ♥lastname

travel.click search ‴/html/body/div[1]/div/div[3]/div/div[2]/div/div[1]/div[5]/div/form/div[2]/div[1]/div/div[1]/div/div/input‴ by xpath

keyboard ♥email

travel.click search ‴/html/body/div[1]/div/div[3]/div/div[2]/div/div[1]/div[5]/div/form/div[2]/div[1]/div/div[2]/div/div[1]/div[2]/input‴ by xpath

keyboard ♥phonenumber

travel.click search ‴/html/body/div[1]/div/div[3]/div/div[2]/div/div[2]/div[1]/div/a‴ by xpath

delay 6

-------------------------------------------------------------------------------------------------

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[1]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:number⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[2]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:name⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[5]/span[1]/select‴ by xpath

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[5]/span[2]/select‴ by xpath

keyboard ‴2023‴

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[5]/span[3]/input‴ by xpath

keyboard ♥credential⟦card:cvv⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[7]/div[1]/p[2]/textarea‴ by xpath

keyboard ♥credential⟦card:add⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[7]/div[2]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:pincode⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[7]/div[3]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:city⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[7]/div[4]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:state⟧

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[2]/div[1]/div[7]/div[7]/p[2]/select‴ by xpath

keyboard india

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[6]/div[3]/div[5]/form[1]/div/div[2]/div[3]/div[1]/div‴ by xpath

dialog ‴Congratulations your Hotel is booked successfully. Have a safe stay !!‴

end

procedure trains

travel.train search

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div/div[2]/div/div[2]/label‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div/div[2]/div/div[2]/div[1]/div/div/div/input‴ by xpath

keyboard ♥to

delay 2

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

delay 2

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div/div[2]/div/div[1]/label‴ by xpath

travel.click search ‴/html/body/div[1]/div/div[2]/div/div/div/div[2]/div/div[1]/div[1]/div/div/div/input‴ by xpath

keyboard ♥from

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

delay 2

travel.click search ‴primaryBtn‴ by class

delay 5

travel.click search ‴/html/body/div[1]/div/div[2]/div[2]/div/div/ul/li[1]/div/div[2]/div/ul/li[2]‴ by xpath

travel.click search ‴IRCTCUserName‴ by id

keyboard ♥credential⟦irctc:id⟧

delay 1

keyboard ⋘ENTER⋙

delay 3

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[2]/div[2]/ul/li/div[3]/form/div[1]/input‴ by xpath

keyboard ♥firstname

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[2]/div[2]/ul/li/div[3]/form/div[2]/input‴ by xpath

keyboard ♥age

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[2]/div[2]/ul/li/div[3]/form/div[3]/div/p‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[2]/div[2]/ul/li/div[3]/form/div[3]/div/ul/li[1]‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[2]/div[2]/ul/li/div[1]/span/span‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[4]/div[1]/div/form/div[1]/div/div/input‴ by xpath

keyboard ♥firstname

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[4]/div[1]/div/form/div[2]/div/div/input‴ by xpath

keyboard ♥email

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[4]/div[1]/div/form/div[3]/div/div/input‴ by xpath

keyboard ♥phonenumber

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[5]/div/form/div[1]/div/div/input‴ by xpath

keyboard ♥addline

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[5]/div/form/div[4]/div/div/input‴ by xpath

keyboard ♥pincode

travel.click search ‴/html/body/div/div/div[2]/div/div/section[1]/div[7]/div/div/ul/li[2]/div/span/label‴ by xpath

travel.click search ‴/html/body/div/div/div[2]/div/div/section[2]/div/div/div[1]/a‴ by xpath

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/ul/li[2]/a/span[2]‴ by xpath

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[1]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:number⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[3]/p[2]/input‴ by xpath

keyboard ♥credential⟦card:name⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[4]/span[1]/select‴ by xpath

keyboard ‴⋘DOWN⋙⋘ENTER⋙‴

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[4]/span[2]/select‴ by xpath

keyboard ‴2023‴

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[4]/div/span[1]/input‴ by xpath

keyboard ♥credential⟦card:cvv⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[6]/div[1]/p[2]/select‴ by xpath

keyboard india

keyboard ⋘ENTER⋙

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[6]/div[2]/p[2]/textarea‴ by xpath

keyboard ♥credential⟦card:add⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[6]/div[3]/span[1]/input‴ by xpath

keyboard ♥credential⟦card:city⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[6]/div[3]/span[2]/input‴ by xpath

keyboard ♥credential⟦card:pincode⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[14]/div/div[6]/div[3]/span[3]/input‴ by xpath

keyboard ♥credential⟦card:state⟧

travel.click search ‴/html/body/div[4]/div[3]/div[2]/div[4]/div[2]/div/form[1]/div/div/div[15]/div[2]/p[1]/button[3]‴ by xpath

dialog message ‴Congratulations !!!! Your ticket from ♥from to ♥to is booked !! Happy and safe journey‴

end

**G1ANT PROJECT COMMANDS & USE**

**travel.login**

This command is used for login into the website by providing credential in g1ant studio.

**travel.bus**

In this command user can book any bus. This command books bus automatically & also provide copy to the user. First bot select from & to option’s then clicks on search tab to find out any available bus. Next bot select seats as user created in the programs. Then bot select boarding and dropping points. Next bot confirms seats. Then bot make payment through user payment credentials.

**travel.train**

This command is used for booking the train tickets. First bot create depart & going provided by the user. Next bot ask USER ID. And then booking process start.

**travel.flight**

This command is used for booking flight tickets. First bot select Depart from & Going to then make departure date. After that bot searches available flights and show result. Next window bot select book & next further proceed for payment after payment done user receive successful message.

**travel.cab**

This is cab booking command. First bot makes Select Origin & then Select Destination. Then bot create Depart date & Return Date. Next bot click ‘search cabs’ button. Next bot show available cabs. Then booking process start provided by the users.

**travel.hotel**

This command is used for hotel book. First bot makes check in & check out provided by the user. Then bot pics room. After that bot click on ‘search hotels’. Next bot start booking process and after that bot make payment which credential’s provided by the user.

**travel.cruise**

This command is used for cruise booking. By sea way, First bot make Destination/river, Then create date. Next bot click on search button and show available cruse. After that selection bot start making final payment step and user receive message.

**\*Note -**

Sender email address (in g1ant credential container) as well as the traveller email address (in excel file ) should be same. As when the sender sends the email regarding preference choice, the traveller sends the preference written in subject of the email. To make this whole process fast and automatic, same email address should be used.

**CREDENTIAL CONTAINER**

yatra:login - Login id of Yatra.com

yatra.pass – Password of Yatra.com

irctc.id – IRCTC user ID

card:number – Credit Card number

card:cvv – Credit Card CVV

card:name – Name on the card

card:add – Address of card holder

card:city – City of card holder

card:pincode – Pincode of card holder

card:state – State of residence of card holder

**CONCLUSION**

1. In this internship we learned website & app automation.

2. This project is helpful for successful learning.

3. Developed knowledge & intelligence

4. Implemented programming skills.

5. Learned G1ANT & VS-STUDIO successfully.