**Finding Hospitals**

Problem Statement : Finding Hospitals

Get the hospital names

1. Hospital near which is open 24\*7

2. Which has parking facility

3. rating should be more than 3.5

(Suggested Site:practo.com however you are free to choose any other legitimate site)

Detailed Description: Hackath Ideas

1. For Bangalore city, identify Hospitals that is Open 24/7, has Parking facility with rating more than

3.5; Display the hospital names

2. In Diagnostics page, pick all the top cities name & store in a List; Display the same

3. Go to Corporate Wellness, fill invalid details, schedule & capture the warning message from the

alert

(Suggested Site:practo.com however you are free to choose any other legitimate site)

Key Automation Scope

• Handling alert, different browser windows, search option

• Navigating back to home page

• Extract multiple options items & store in collections

• Filling form (in different objects in web page)

• Capture warning message

**Identify Courses**

Problem Statement : Identify Courses

Search and display all web development courses

1. Should be for beginners level.

2. Courses offered in English language

3. Display first two courses with name, total learning hours and rating.

(Suggested Site: coursera.org however you are free to choose any other legitimate site)

Detailed Description: Hackath Ideas

1. Search for web development courses for Beginners level & English Language and extract the

course names, total learning hours & rating for first 2 courses

2. Look for Language Learning; Extract all the languages and different levels with its total count &

display them

3. In Home page, go to "For Enterprise"; Look into Courses for Campus under Product; Fill the "Ready

to transform" form with any one input invalid (example: email); Capture the error message & display

(Suggested Site: coursera.org however you are free to choose any other legitimate site)

Key Automation Scope

• Handling different browser windows, search option

• Extract multiple drop down list items & store in collections

• Navigating back to home page

• Filling form (in different objects in web page)

• Capture warning message

• Scrolling down in web page

**Display Bookshelves**

Problem Statement : Display Bookshelves

Display the name, price of

1. Bookshelves below Rs. 15000

2. Including out of stock

3. Storage type should be open.

3. Take first 3 study chair details with highest recommendation

If more than one item with same price displayed, include that details as well.

(Suggested site: urbanladder.com however you are free to use any other legitimate site)

Detailed Description: Hackath Ideas

1. Display the name & price of first 3 Bookshelves below Rs. 15000, with Storage type as open &

exclude out of stock

2. From Collections, retrieve all sub-menu items under Being-At-home and store in a List; Display the

same

3. Gift cards - choose "Birthday/Anniversay"; fill customize the gift card; fill from to details with any

one input invalid (example: email); Capture & display the error message

(Suggested site: urbanladder.com however you are free to use any other legitimate site)

Key Automation Scope

• Handling alert, drag & drop, search option

• Extract menu items & store in collections

• Navigating back to home page

• Scrolling down in web page

• Filling form (in different objects in web page)

• Capture warning message

**Calculate Trip Cost**

Problem Statement : Calculate Trip Cost

Display total amount and charges per night for 3 holiday homes:

1. For 4 people in Nairobi from 15th Dec-2019 to 20th Dec-2019

2. Sort the list with highest traveler rating on top.

3. Holiday home should have elevator/ List access.

(Suggested Site: tripadvisor.in however you are free to choose any other legitimate site)+B6

Detailed Description: Hackath Ideas

1. Display Hotel name, total amount and charges per night for 3 holiday homes for 4 people in Nairobi

for 5 days of stay from tomorrow's date; Should have sorted the list with highest traveler rating &

should have elevator/ List access

2 Pick one cruise line & pick a respective cruise ship under Cruises;

a. Retrieve all the languages offered and store in a List; Display the same

b. Display passengers, crew & launched year

(Suggested Site: tripadvisor.in however you are free to choose any other legitimate site)

Key Automation Scope

• Handling different browser windows, search option

• Validation of date controls

• Capture warning message

• Extract list items & store in collections

• Navigating back to home page

• Scrolling down in web page

**Identify Car Wash Services**

Problem Statement : Identify Car Wash Services

Display 5 Car washing services name and phone numbers

1. Car washing services near you with highest rating on top.

2. Rating should be more than 4\*

3. Customer Votes should be more than 20

(Suggested Site: justdial.com however you are free to choose any other legitimate site)

Detailed Description: Hackath Ideas

1. Display 5 Car washing services name and phone numbers, near your location with highest rating

(more than 4) on top & Customer Votes more than 20

2. Try to register for Free Listing, fill the form with any one input invalid (example: phone); Capture the

error message & display

3. From Fitness, go to Gym and retrieve all sub-menu items and store in a List; Display the same

(Suggested Site: justdial.com however you are free to choose any other legitimate site)

Key Automation Scope

• Handling Alert, search option

• Multiple navigation path for one page

• Filling form (in different objects in web page)

• Capture warning message

• Extract menu items & store in collections

• Navigating back to home page

**Identify New Bikes**

Problem Statement : Identify New Bikes

Display upcoming bikes details like , bike name, its price and expected launch date in India

1. Manufacturer should be Honda.

2. Bike price should be less than 4Lac

(Suggested site: zigwheels however you are free to use any legitimate site)

Detailed Description: Hackath Ideas

1. Display "Upcoming" bikes details like bike name, price and expected launch date in India, for

manufacturer 'Honda' & Bike price should be less than 4Lac.

2. For Used cars in Chennai, extract all the popular models in a List; Display the same

3. Try to 'Login' with google, give invalid account details & capture the error message

(Suggested site: zigwheels.com however you are free to use any legitimate site)

Key Automation Scope

• Handling windows & frames

• Filling simple form, Capture warning message

• Extract menu items from frames & store in collections

• Navigating back to home page

**Find travel insurance plan for students**

Problem Statement : Find travel insurance plan for students

1. display three lowest international travel insurance plan with amount and insurance provider

company

2. Group of 2 student people (Age 22,21)

3. For any European country

(Suggested Site: policybazaar however you are free to use any other legitimate site)

Detailed Description: Hackath Ideas

1. Find travel insurance plan for students, for 2 people (Age 22 & 21) & any European country, fill

further dummy details & display three lowest international travel insurance plan with amount and

insurance provider company

2. Get a Car Insurance quote, proceed without car number, keep filling details, give invalid email or

phone number & capture the error message

3. Retrieve all Health Insurance menu items and store in a List; Display the same

(Suggested Site: policybazaar.com however you are free to use any other legitimate site)

Key Automation Scope

• Handling alerts, search option

• Validation of date controls

• Filling simple form, Capture warning message

• Extract menu items & store in collections

• Navigating back to home page

**Find the Interest Amount for current year**

Problem Statement : Find the Interest Amount for current year

1. Buying a car of 15 Lac

2. Interest rate of 9.5%

3. Tenure should be 1 year.

Display the interest amount & principal amount of first month.

(Suggested Site: emicalculator.net / HDFCbank.com etc. however you are free to use any other

legitimate site)

Detailed Description: Hackath Ideas

1. Find the EMI for Car with price of 15 Lac, Interest rate of 9.5% & Tenure 1 year; Display the interest

amount & principal amount for one month

2. From Menu, pick Home Loan EMI Calculator, fill relevant details & extract all the data from year on

year table & store in excel;

3. From Menu, pick Loan Calculator and under EMI calculator, do all UI check for text box & scales;

change the Loan tenure for year & month,check the change in scale; Re-use the same validation for

Loan Amount Calculator & Loan Tenure Calculator

(Suggested Site: emicalculator.net however you are free to use any other legitimate site)

Key Automation Scope

• Validation of transactions & do calculations;

• Extract table values & store in excel

• Filling data in screen & multiple UI validations

• Navigation from Menus

• Reusable methods

• Scrolling down in web page

**Display all the sports activities available in your city for coming weekend**

Problem Statement : Display all the sports activities available in your city for coming weekend

1. Name of the sports along with date.

2. Display the activity with lowest charges on top.

(Suggested Site: Bookmyshow however you are free to use any other legitimate site)

Detailed Description: Hackath Ideas

1. Find the sports activities in your city for coming weekend, with lowest charges on top; Display the

Name of the sports along with date.

2. Extract all the languages for movies and store in a List; Display the same

3. Try to 'Sign In' with google, give invalid account details & capture the error message

(Suggested Site: bookmyshow.com however you are free to use any other legitimate site)

Key Automation Scope

• Handling alerts, windows & frames

• Extract menu items from frames & store in collections

• Scrolling down in web page

• Filling simple form, Capture warning message

• Navigation from Menus

• Navigating back to home page

**Book one way outstation cab and display the lowest charges**

Problem Statement : Book one way outstation cab and display the lowest charges

1. From Delhi to Manali, himachal Pradesh.

2. Pick up from Delhi at 6.30 AM on 23rd Dec 2019

3. Car type should be SUV.

(Suggested Site: Makemytrip however you are free to choose any other legitimate site)

Detailed Description: Hackath Ideas

1. Book one way outstation cab, From Delhi to Manali, himachal Pradesh, give future date & time &

Car type should be SUV; Display the lowest charges

2. Find Group Gifting in Gift Cards, fill card details & give invalid email; capture & display the error

message

3. On the Hotel booking page, extract all the numbers for Adult persons and store in a List; Display the

same

(Suggested Site: makemytrip.com however you are free to choose any other legitimate site)

Key Automation Scope

• Handling alerts

• Filling simple form, Capture warning message

• Scrolling down in web page

• Extract drop down items & store in collections

• Navigation from Menus

• Navigating back to home page

**JavaScript Executor Usage**

Case Study: JavaScript Executor Usage

Problem Statement:

Automate the scenario using JavaScript Executor

Register the user to the website using JavaScript Executor.

Suggested site: https://www.stqatools.com/demo/Alerts.php

Detailed Description:

• Launch the browser

• Open the URL

• Generate alert "hello world" by clicking on “Basic Alert”.

• Close the alert.

• Navigate to different webpage: https://stqatools.com/demo/

• Fill the Name as “Amol”

• Fill the Personal Address as “Mumbai”

• Select proper gender.

• Select your Hobby.

• Select any City.

• Select any Country.

• Select your Date of Birth

• Scroll the page to the bottom.

• Click on “Submit”

• Verify Submission is successful or not.

• Close the browser.

Key Automation Scope:

• Automation Concepts, Selenium Configuration, Web driver Basics

• Page Navigation

• Form Registration

• Reusable method creation

• Alert Handling

• Exception handling

• Synchronization

• Java script Executor

• Test case validation