HACKATHON DOCUMENTATION

TOPIC- Identify New Bikes

TEAM MEMBERS	
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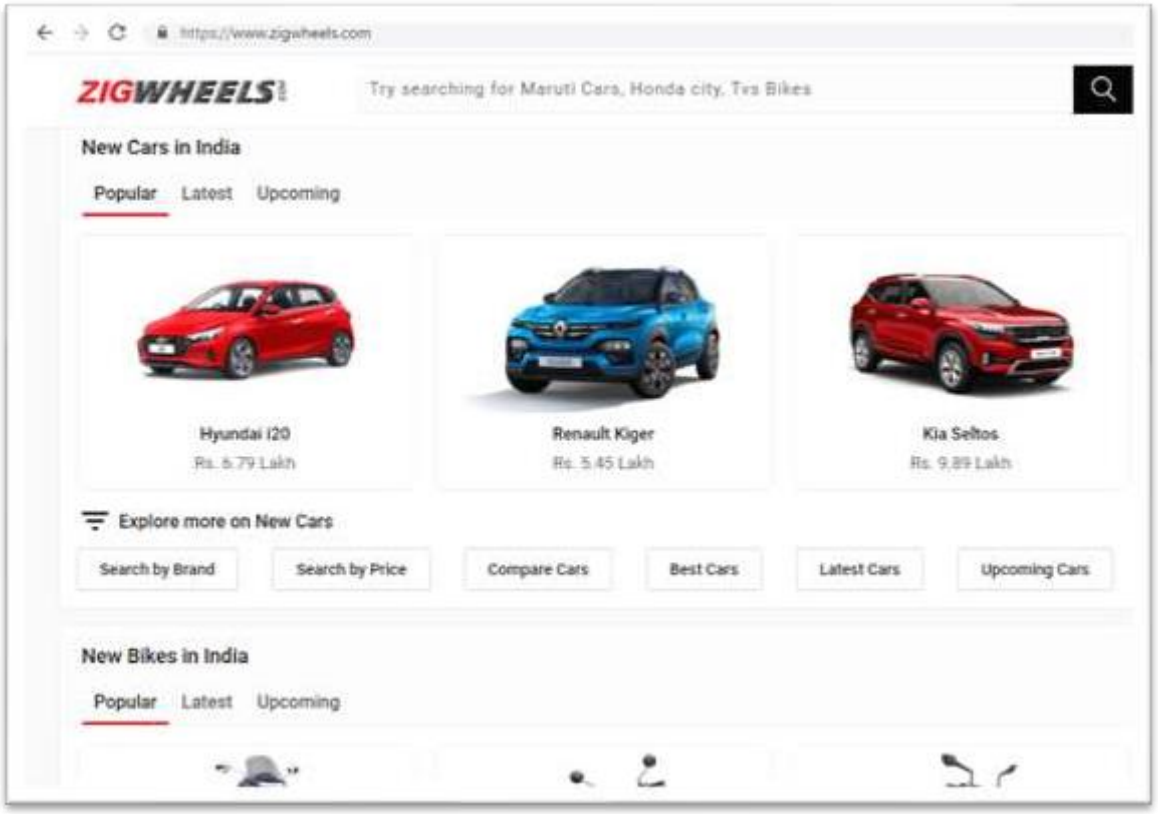
Lalit Mali	**2068170**
Shubham Patil	**2068171**

1.WEBSITE:

https://www.zigwheels.com/



2.TOOLS & TECHNOLOGY USED:

1. ***Selenium with Java in Eclipse***: Selenium is a portable framework for testing web applications. Selenium provides a playback tool for authoring functional tests.Developed using Java, the Eclipse platform can be used to develop rich client applications, integrated development environments and other tools. Eclipse can be used as an IDE for any programming language for which a plug-in is available**.**

2. ***TestNG***: TestNG (Test Next Generation) is the testing framework. TestNG is inspired from JUnit and NUnit, but it has a new functionality that makes this framework more powerful and easier. TestNG is designed in such a way that it covers all the categories of tests comprising unit, functional and integration.

3. ***Maven***: Maven is a build automation tool used primarily for Java projects. Maven can also be used to build and manage projects written in C#, Ruby, Scala, and other languages. Maven is built using a plugin-based architecture that allows it to make use of any application controllable through standard input.

4. ***POM with POI***: Page Object Model (POM) is a design pattern, popularly used in test automation that creates Object Repository for web UI elements. The advantage of the model is that it reduces code duplication and improves test maintenance.Under this model, for each web page in the application, there should be a corresponding Page Class. This Page class will identify the WebElements of that web page and also contains Page methods which perform operations on those WebElements.Apache POI, a project run by the Apache Software Foundation, and previously a sub-project of the Jakarta Project, provides pure Java libraries for reading and writing files in Microsoft Office formats, such as Word, PowerPoint and Excel.

5. ***Jenkins***: Jenkins is a free and open source automation server. It helps automate the parts of software development related to building, testing, and deploying, facilitating continuous integration and continuous delivery. It is a server-based system that runs in servlet containers such as Apache Tomcat.

6. ***GitHub***: GitHub is a web-based interface that uses Git, the open source version control software that lets multiple people make separate changes to web pages at the same time. As Carpenter notes, because it allows for real-time collaboration, GitHub encourages teams to work together to build and edit their site content.

3. WORD DONE:

The Code is written in JAVA and is automated in different browsers with the help of Selenium. The project and dependencies are managed with the help of Maven.

1. POM is used to create classes for each page therefore reducing usage of same code for various objects.

2. Input data is obtained from properties file and from excel sheet with the help of Apache POI.

3. Jenkins is used for continuous integration of various versions of the code.

4. GitHub open source version control software that lets multiple people make separate changes to web pages at the same time.

4. REQUIREMENTS AND EXECUTION STEPS:

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.**

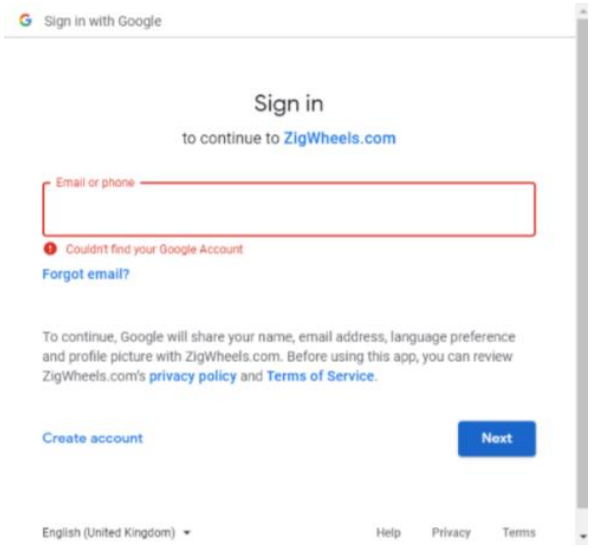
    - Display new bikes from Honda manufacturer
    - Search in search bar
    - Display upcoming bikes under 4lacs a by storing them in array and writing in excel sheet

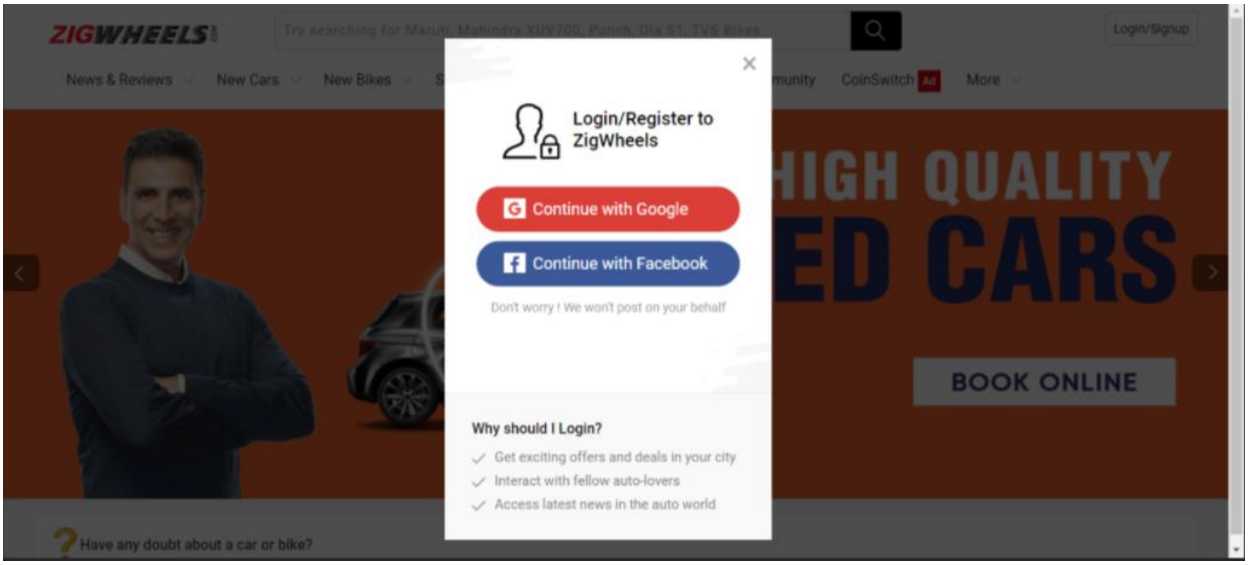
2. **For Used cars in Chennai, extract all the popular models in a List; Display the same.**

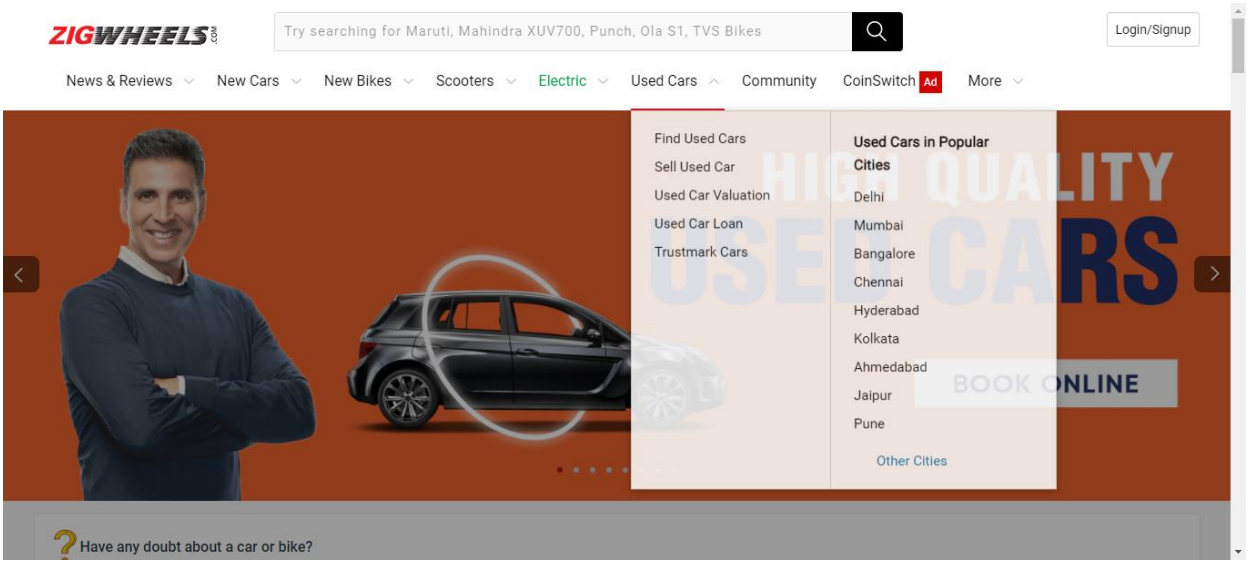
- Go to Used cars drop down and select the following cities: Chennai, Bangalore, Kolkata
- Extract the displayed options and write them in excel sheet

3. **Try to 'Login' with google, give invalid account details & capture the error message**
    - Click on Login button in Homepage
    - Login to google with invalid credentials and capture screenshot

SCREENSHOTS



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Trustmark Cars
Used Cars in Popular Cities
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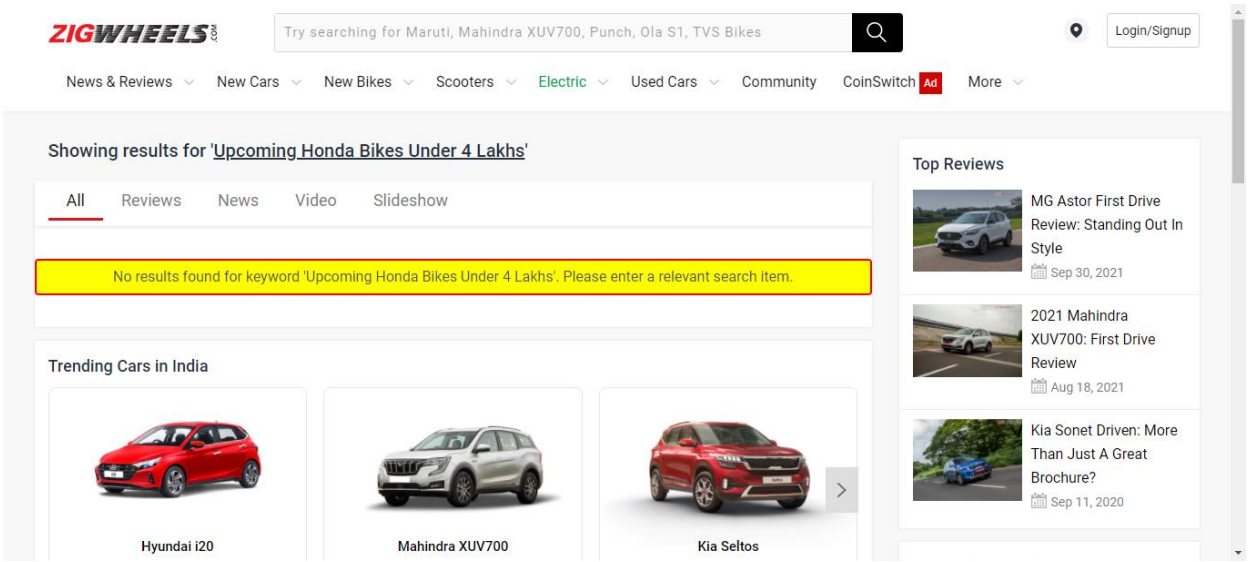
Mumbai
Bangalore
Chennai
Hyderabad
Kolkata
Ahmedabad
Jaipur
Pune
Other Cities
HIGH QUALITY
USED CARS
BOOK ONLINE
Have any doubt about a car or bike?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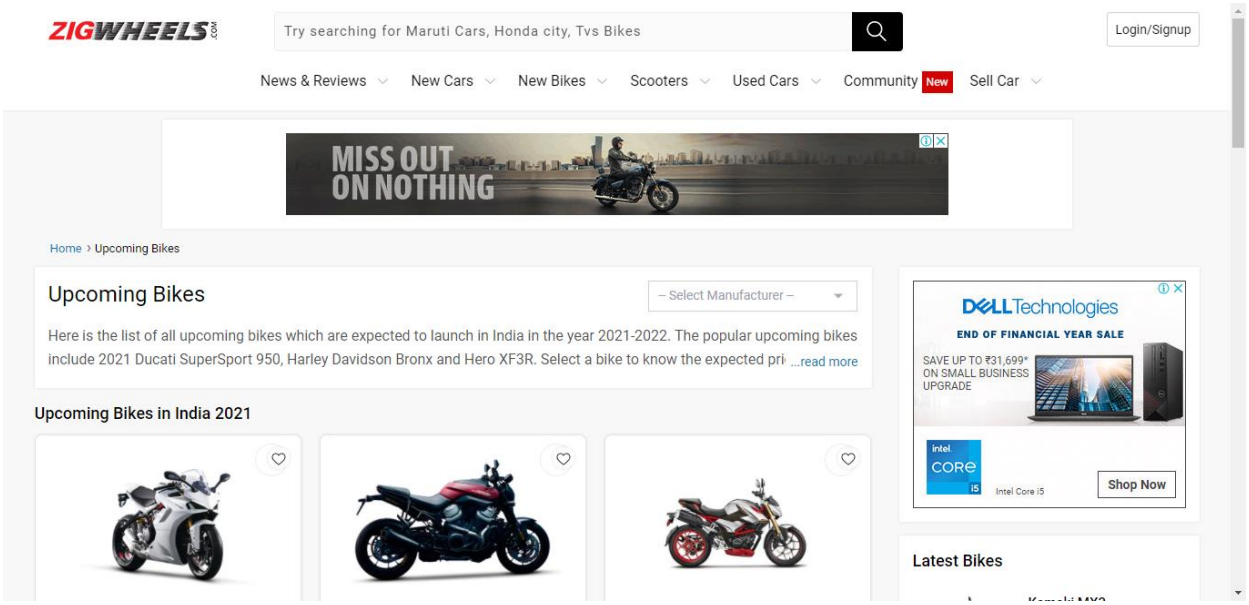
Kia Sonet Driven: More Than Just A Great Brochure?
Sep 11, 2020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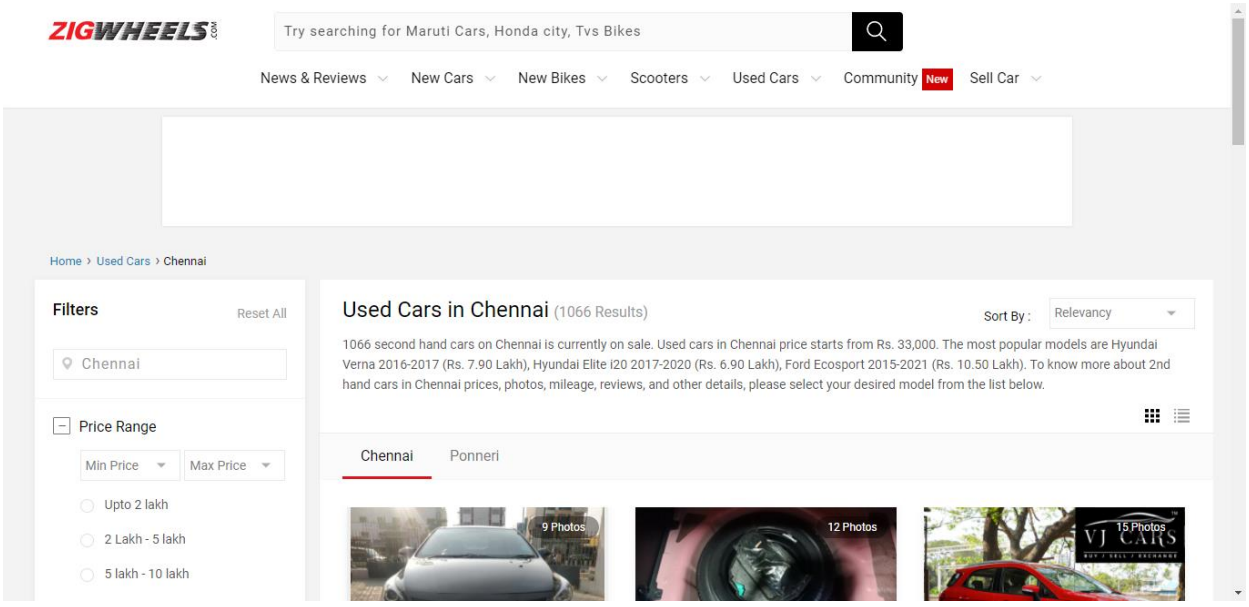
New Cars
New Bikes
Scooters
Used Cars
Community New
Sell Car
MISS OUT ON NOTHING
Home › Upcoming Bikes
Upcoming Bikes
– Select Manufacturer –
Here is the list of all upcoming bikes which are expected to launch in India in the year 2021-2022. The popular upcoming bikes include 2021 Ducati SuperSport 950, Harley Davidson Bronx and Hero XF3R. Select a bike to know the expected pri ...read more
Upcoming Bikes in India 2021
DELL Technologies
END OF FINANCIAL YEAR SALE
SAVE UP TO ₹31,699* ON SMALL BUSINESS UPGRADE
intel core i5
Intel Core i5
Shop Now
Latest Bikes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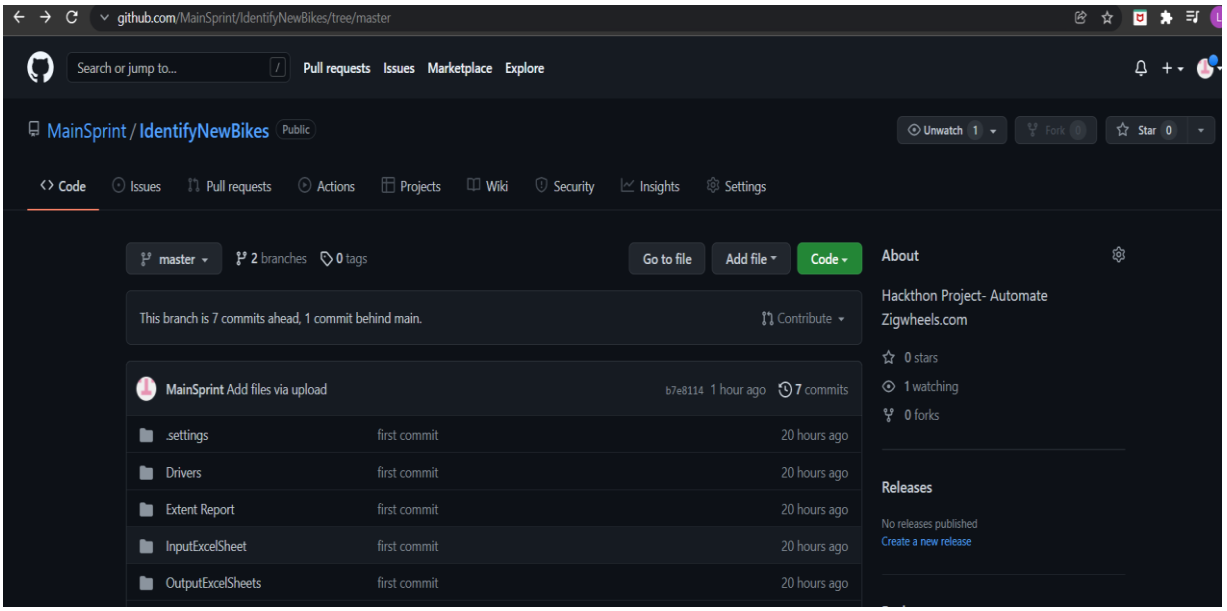
Scooters
Used Cars
Community New
Sell Car
Home › Used Cars › Chennai
Filters
Reset All
Chennai
Price Range
Min Price
Max Price
Upto 2 lakh
2 Lakh - 5 lakh
5 lakh - 10 lakh
Used Cars in Chennai (1066 Results)
Sort By :
Relevancy
1066 second hand cars on Chennai is currently on sale. Used cars in Chennai price starts from Rs. 33,000. The most popular models are Hyundai Verna 2016-2017 (Rs. 7.90 Lakh), Hyundai Elite i20 2017-2020 (Rs. 6.90 Lakh), Ford Ecosport 2015-2021 (Rs. 10.50 Lakh). To know more about 2nd hand cars in Chennai prices, photos, mileage, reviews, and other details, please select your desired model from the list below.
Chennai
Ponneri
9 Photos
12 Photos
15 Photos
VJ CARS


github.com/MainSprint/IdentifyNewBikes/tree/master
Search or jump to...
Pull requests
Issues
Marketplace
Explore
MainSprint / IdentifyNewBikes
Public
Unwatch 1
Fork 0
Star 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
master
2 branches
0 tags
Go to file
Add file
Code
This branch is 7 commits ahead, 1 commit behind main.
Contribute
MainSprint Add files via upload
b7e8114 1 hour ago
7 commits
.settings first commit 20 hours ago
Drivers first commit 20 hours ago
Extent Report first commit 20 hours ago
InputExcelSheet first commit 20 hours ago
OutputExcelSheets first commit 20 hours ago
About
Hackthon Project- Automate Zigwheels.com
0 stars
1 watching
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Releases
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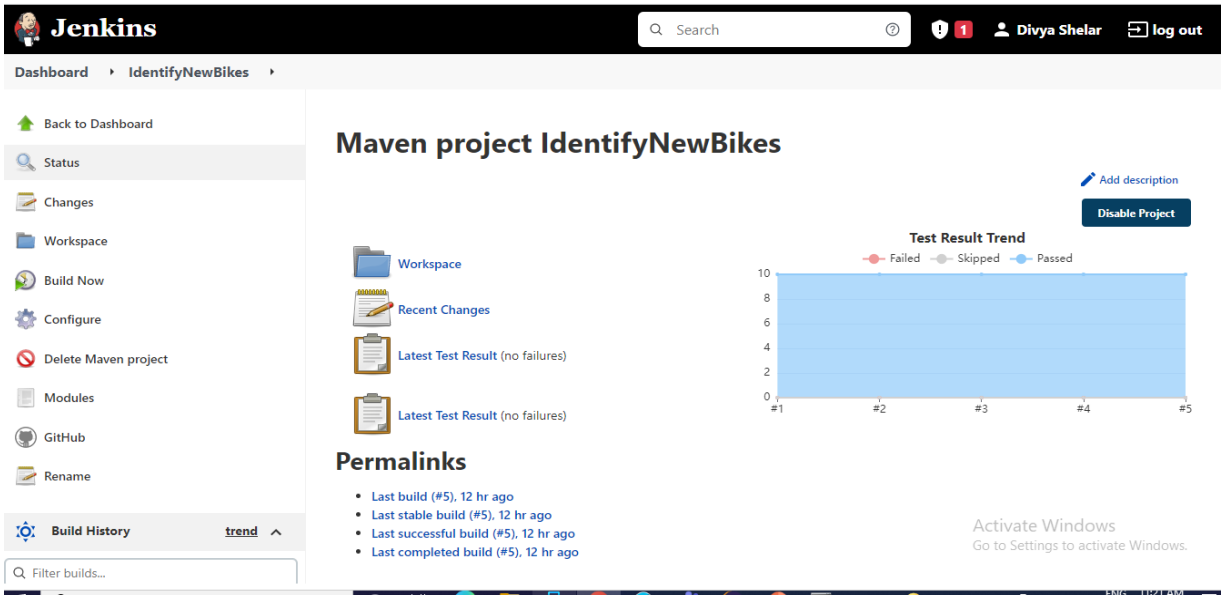
Jenkins
Search
1
Divya Shelar
log out
Dashboard
IdentifyNewBikes
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Maven project
Modules
GitHub
Rename
Build History
trend
Filter builds...
Maven project IdentifyNewBikes
Add description
Disable Project
Workspace
Recent Changes
Latest Test Result (no failures)
Latest Test Result (no failures)
Test Result Trend
Failed
Skipped
Passed
10
8
6
4
2
0
#1
#2
#3
#4
#5
Permalinks
Last build (#5), 12 hr ago
Last stable build (#5), 12 hr ago
Last successful build (#5), 12 hr ago
Last completed build (#5), 12 hr ago
Activate Windows
Go to Settings to activate Windows.