

Project Development Phase and Model Performance Test

Date	4 Nov 2023
Team ID	NM2023TMID04532
Project Name	Climate Track Smart using Blockchain

Model Performance Testing:

Project team shall fill the following information when working for blockchain

S.No	Parameter	Values	Screenshot
1	Information gathering	Setup all the Prerequisite:	The Screenshots of information gathering are all given below.
2	Extract the zip files	Open to vs code	The Screenshots of extract the zip file are all given below.
3	Remix Idle Platform exploring	Deploy the smart contract code Deploy and run the transaction. By selecting the environment - inject the MetaMask	The Screenshots of extract the zip file are all given below.
4	Open file explorer	Open the extracted file and click on the folder. Open src, and search for utiles. Open cmd enter commands 1.npm install 2.npm bootstrap 3.npm start	The Screenshots of extract the zip file are all given below.
5	LOCALHOST IPADDRESS	Copy the address and open it to chrome so you can see the front end of your project.	The Screenshots of extract the zip file are all given below.

1. INFORMATION GATHERING:



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 10 minutes to prepare
- 1 hour to collaborate
- 2-8 people recommended



Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

A Team gathering

Earlier when should participants in the session and send an invite. Share relevant information or pre-work ahead.

B Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

E Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

Open article



Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

PROBLEM
Blockchain is a distributed ledger technology that allows multiple parties to access and verify data in a secure and transparent way.



Key rules of brainstorming

To run a smooth and productive session

- Stay in topic
- Encourage wild ideas
- Defer judgment
- Listen to others
- Go for volume
- If possible, be visual



Brainstorm

Write down any ideas that come to mind. Don't add any your problem statement.

10 minutes



How can we use blockchain to reduce carbon footprint in our daily lives?



Group ideas

Now let's bring your ideas into the clustering step or categorization as you go. Once all sticky notes have been grouped, give each cluster a sentence label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

30 minutes



How can we use blockchain to reduce carbon footprint in our daily lives?

Anusuya

Anusuya can use the blockchain-powered platform to transparently track her carbon emissions and support her sustainable efforts.

The platform rewards her with tokens for reducing her carbon footprint. These tokens can be used to support eco-friendly projects or receive discounts.

Ashika

Increased public safety from improved lighting, safer traffic due to increased visibility of hazards.

Anusuya can use the data on her carbon footprint and receive recommendations for further improvements.

Divya

Climate Tracker app enables Anusuya to educate her followers and inspire them to take climate action using the platform's track and features.

The app is used to track and document carbon footprint and encourage others to join in reducing their carbon footprint.

Manju

Anusuya believes in the power of data and wants to track her carbon footprint. She has been using data to understand and improve her eco-friendly practices.

She knows cycling, walking, and using public transport. She also participates in local clean-up events and volunteers at environmental organizations.

Utilize blockchain to securely and transparently record carbon emissions and eco-friendly actions. Implement smart contracts to automate tracking, verification, and reward distribution for climate-friendly behaviors.

Create a token-based rewards system to incentivize sustainable actions, where users earn tokens for eco-friendly behaviors. Build a marketplace where users can spend their earned tokens on eco-friendly products, services, or support for green initiatives.

Enable users to share their achievements and progress on social media, fostering a sense of community and encouraging others to join. Provide a space for users to discuss climate-related topics, share tips, and collaborate on local environmental initiatives.

Create user-friendly graphs and charts to help users understand and interpret their carbon data. Utilize artificial intelligence to suggest personalized actions for reducing one's carbon footprint based on their data.



ANS

4

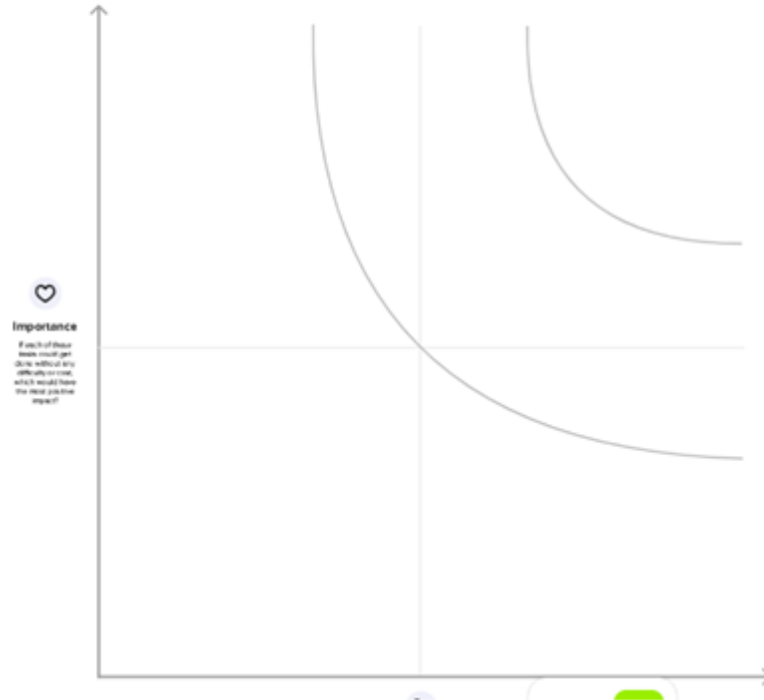
Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

30 minutes

TIP

Participants can further discuss a subset of ideas they think should go on the grid. The facilitator can confirm the quality using the lower poster holding the 11 key on the keyboard.



5

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

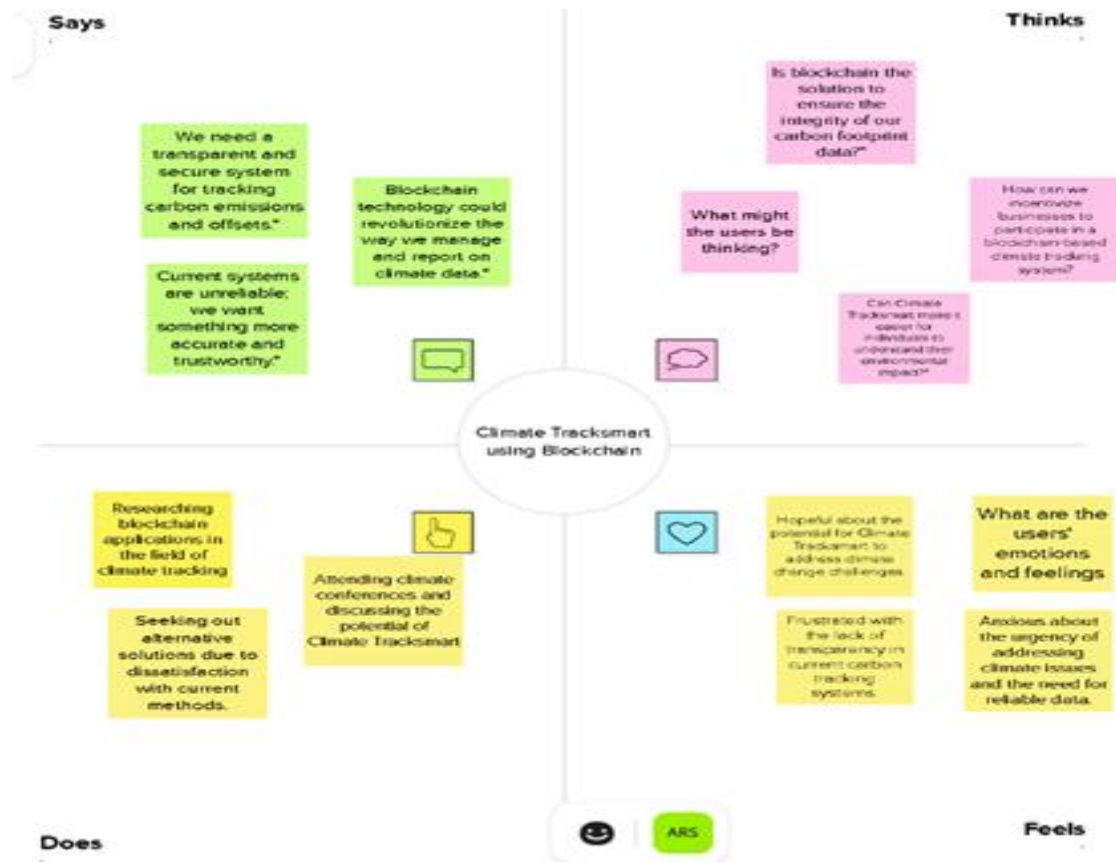
Quick actions

- 1 **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- 2 **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

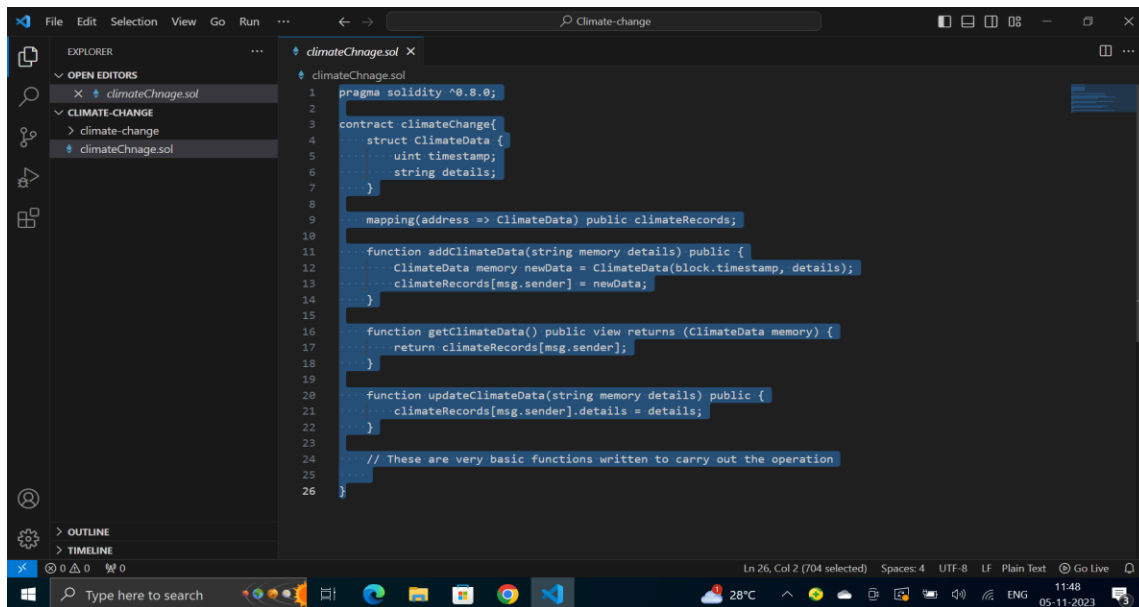
Keep moving forward

- Strategy blueprint**
Define the components of a new idea or strategy.
[Open the template](#)
- Customer experience journey map**
Understand customer needs, motivations, and obstacles for an experience.
[Open the template](#)
- Strengths, weaknesses, opportunities & threats**
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
[Open the template](#)

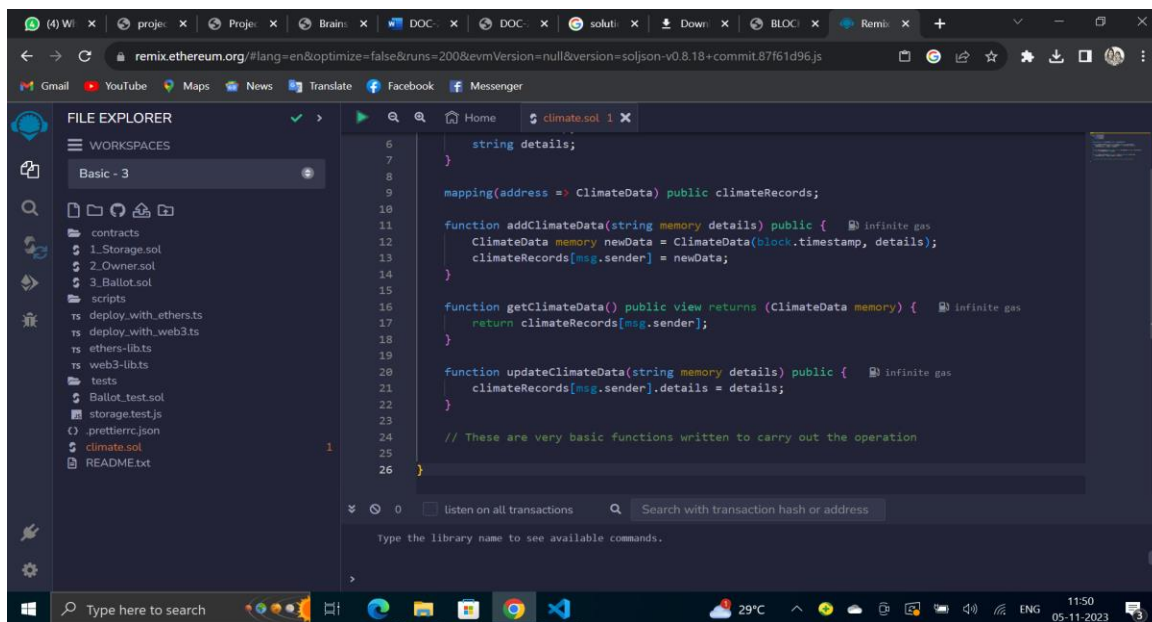
[Share template feedback](#)

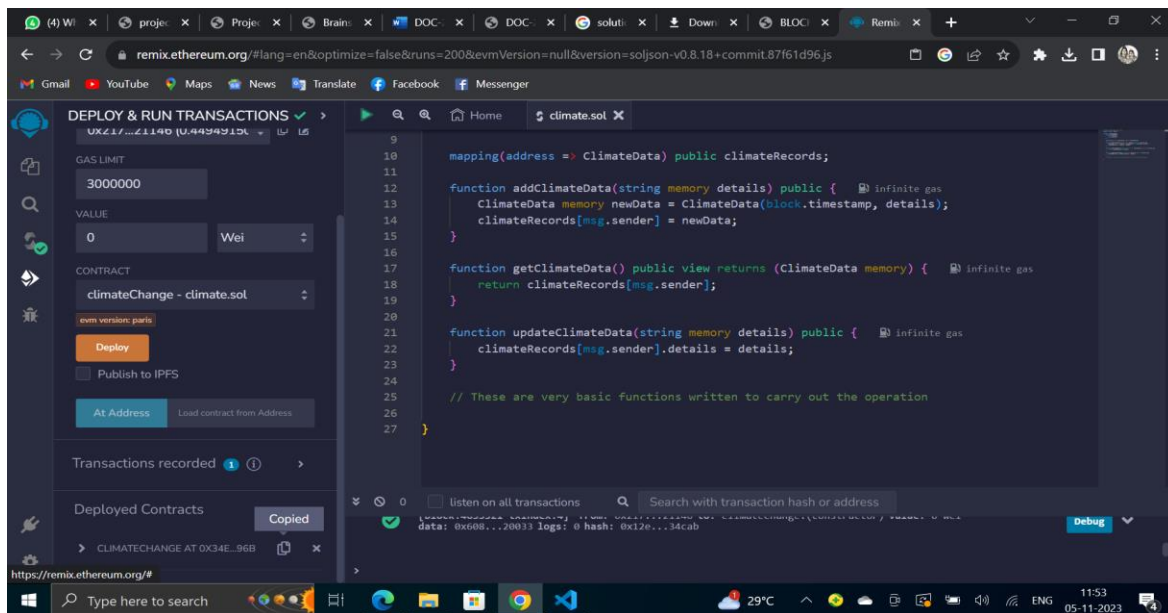
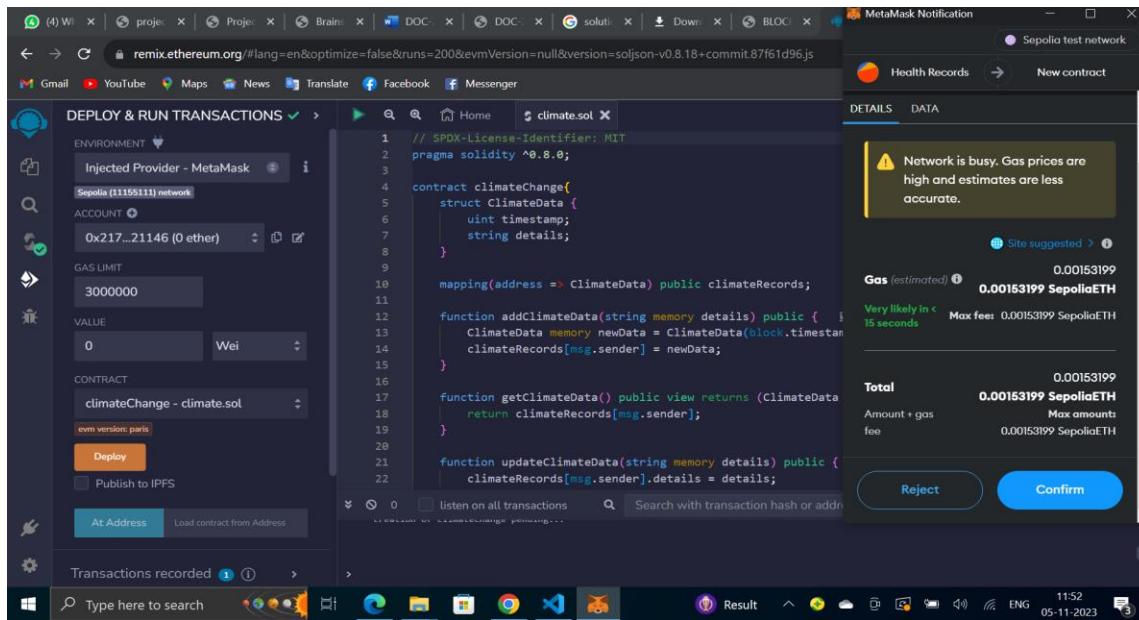


2. EXTRACT THE ZIP FILE:

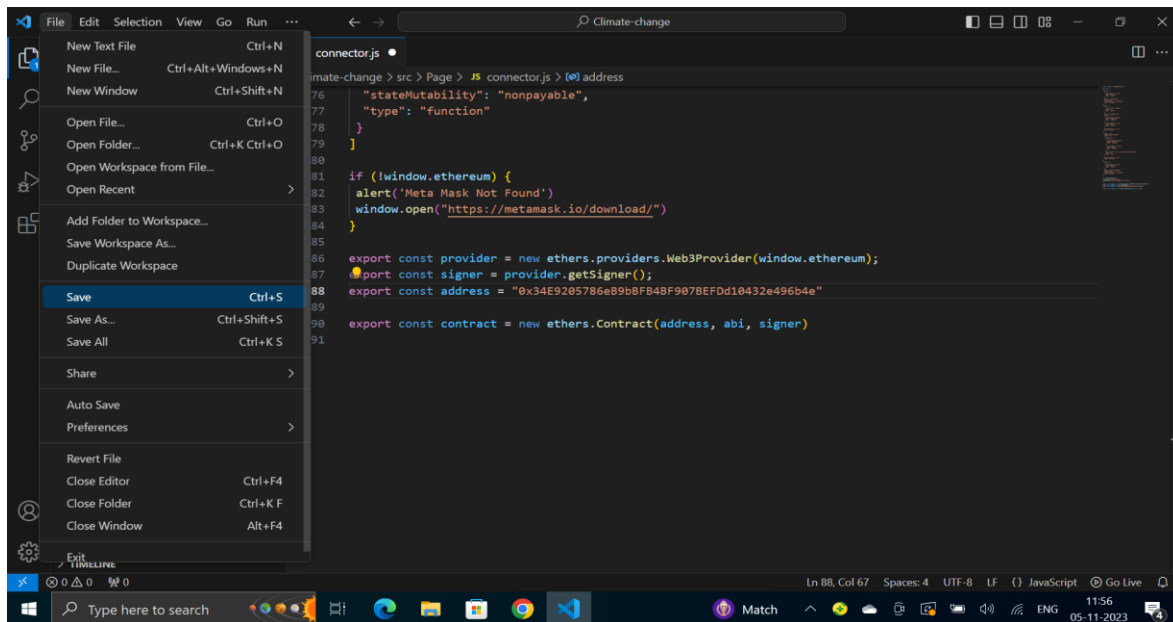
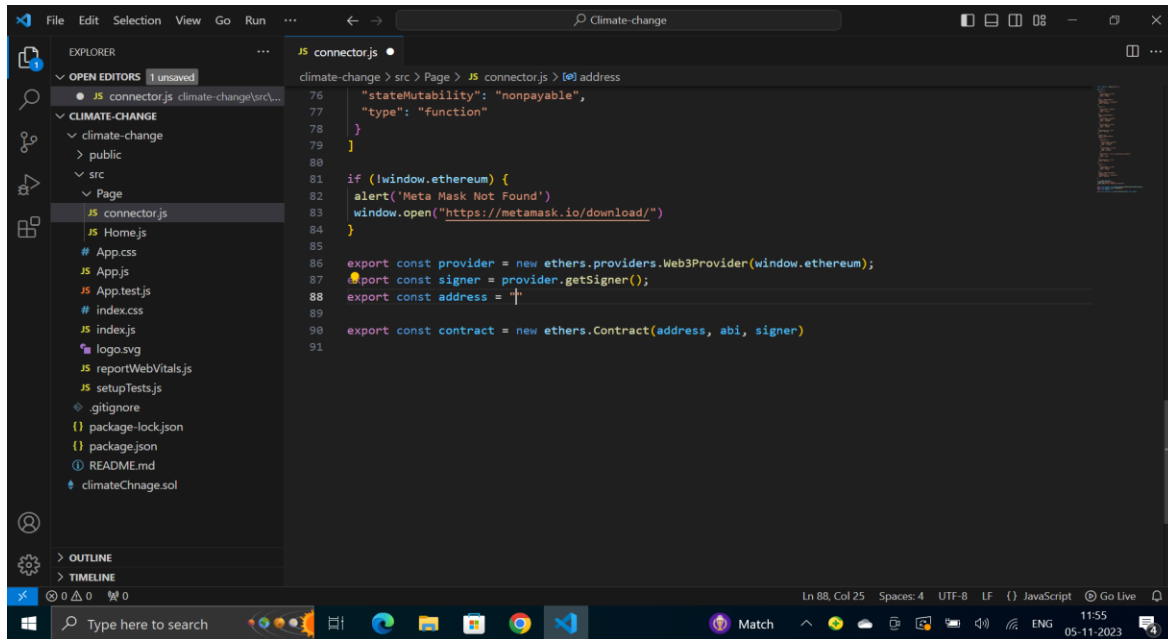


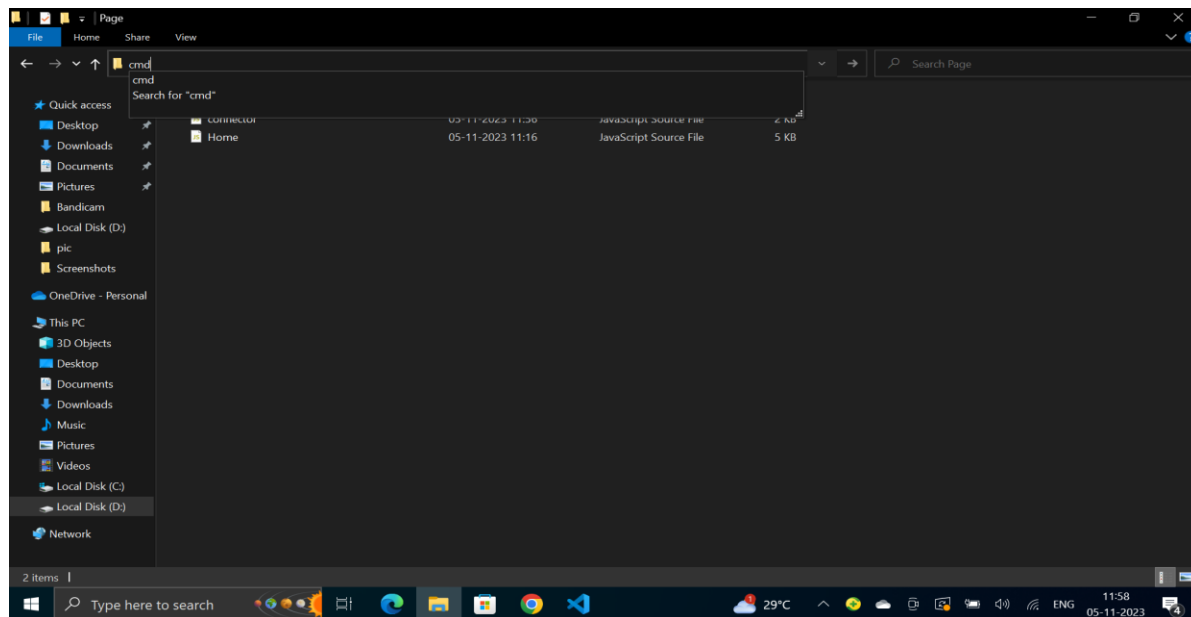
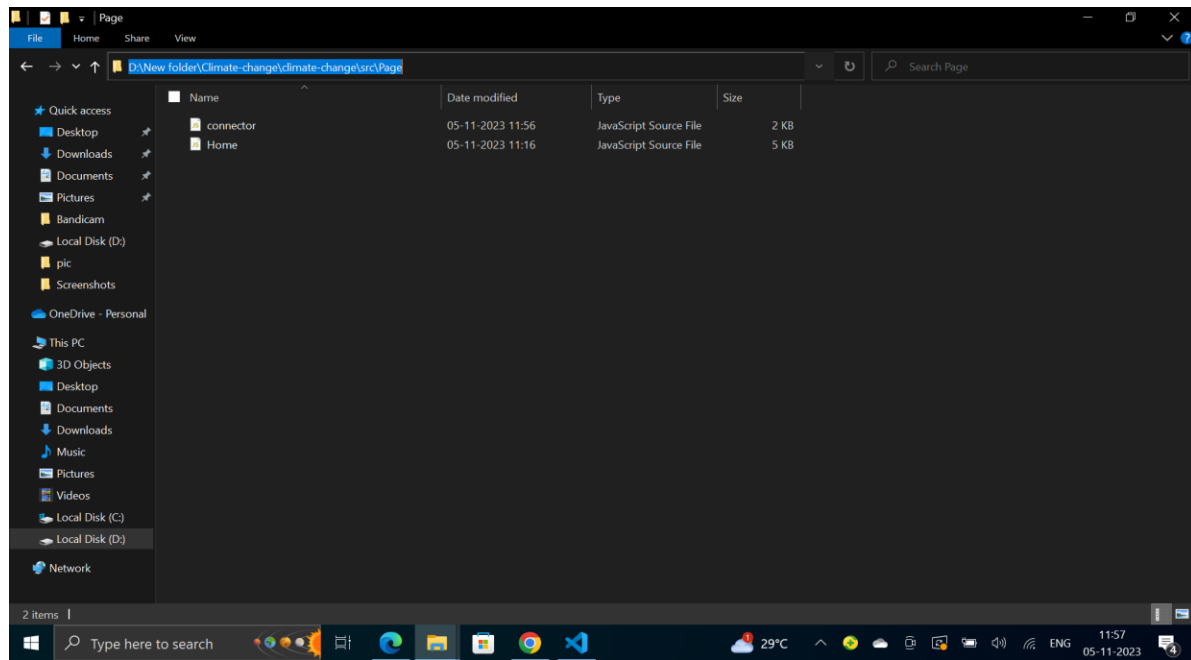
3. Remix Ide platform Explorting:





4. OPEN THE FILE EXPLORER:






```
CA\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3570]
(c) Microsoft Corporation. All rights reserved.

D:\New folder\Climate-change\climate-change\src\Page>npm install
npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sort() is a stable sort, so this library is deprecated. See the compatibility table on MDN: https://dev
eloper.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated rollup-plugin-terser@7.0.2: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-terser
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
npm WARN deprecated workbox-cacheable-response@6.6.0: workbox-background-sync@6.6.0
npm WARN deprecated svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1558 packages, and audited 1559 packages in 38s

277 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (2 moderate, 6 high, 1 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

D:\New folder\Climate-change\climate-change\src\Page>
```

```
CA\Windows\System32\cmd.exe
npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sort() is a stable sort, so this library is deprecated. See the compatibility table on MDN: https://dev
eloper.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort#browser_compatibility
npm WARN deprecated rollup-plugin-terser@7.0.2: This package has been deprecated and is no longer maintained. Please use @rollup/plugin-terser
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
npm WARN deprecated workbox-cacheable-response@6.6.0: workbox-background-sync@6.6.0
npm WARN deprecated svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1558 packages, and audited 1559 packages in 38s

277 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (2 moderate, 6 high, 1 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

D:\New folder\Climate-change\climate-change\src\Page>npm install bootstrap

added 1 package, and audited 1560 packages in 6s

278 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (2 moderate, 6 high, 1 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

D:\New folder\Climate-change\climate-change\src\Page>
```

```
C:\Windows\system32\cmd.exe
npm WARN deprecated workbox-cacheable-response@6.6.0: workbox-background-sync@6.6.0
npm WARN deprecated svgo@1.3.2: This SVGO version is no longer supported. Upgrade to v2.x.x.

added 1558 packages, and audited 1559 packages in 38s

277 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (2 moderate, 6 high, 1 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

D:\New folder\Climate-change\climate-change\src\Pages>npm install bootstrap

added 1 package, and audited 1560 packages in 6s

278 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (2 moderate, 6 high, 1 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

D:\New folder\Climate-change\climate-change\src\Pages>npm start

> climate-change@0.1.0 start
> react-scripts start
```

5. LOCALHOST IPADDRESS:

