Test Case ID	Module	Test Case Description	Test Step	Test Data	Expected Result	Actual Result	Status	Priority
Project Name	**Compiler** https://jpp-compiler.vercel.app/index.html							
created By	**Shivam barman**							
Created Date	18/12/2024							
Review By								
Reviewed Date								
TS_001		Test valid JavaScript code execution.	1.Open the website. 2. Enter valid javascript code https://jpp-compiler.vercel.app/index.html 3.Click Run	Code:- console.log("Hello world");	The output in Hello world	The output is the Hello world	PASS	HIGH
TS_002		Test Invalid Javascript code execution	1. Open the Website. 2. Enter a invalid javascript Code. https://jpp-compiler.vercel.app/index.html 3. Click Run	Code:-console.log("Hello World);	This code is error and invalid code	Enter a valid code	FAIL	MEDIUM
TS_003	Code Execution	Test an empty code input	1. Open the Website 2. The code input black https://jpp-compiler.vercel.app/index.html 3. Click Run	Black code input	Display a no output	Display are NO Output	FAIL	MEDIUM
TC_004		Test the ability to clear the input field.	1. Enter code in the editor 2. Click the clear button https://jpp-compiler.vercel.app/index.html	Any simple javascript code	The input faild be cleared	The input was field and cleared	PASS	LOW
TC_005	UI Functionality	Test valid Python code execution.	1. Enter a PYTHON code editor 2. Click Run https://jpp-compiler.vercel.app/index.html.	Code:- print("Hello world!")	Display Hello world	Display so in the Hello world	PASS	MEDIUM
TC_006	Code Execution	Test mathematical operations.	1. Enter a mathematical code 2. Click Run https://jpp-compiler.vercel.app/index.html	Code:- console.log(5+5)	Output :- 10	Dislpay in Output 10	PASS	MEDIUM
TS_007	Error Handling	Test error messages for missing input.	1. Click Run Without entering code https://jpp-compiler.vercel.app/index.html	Black Input	Display error about input	Display error an about missing output.	PASS	MEDIUM
TS_008		Verify invalid language	1. Open the website 2. Enter the invalid codeing language https://jpp-compiler.vercel.app/index.html. 3. Click on Run Button	Code:- Coding language invalid	Error message that is not valid language	User message enter a valid lagnuage .	FAIL	HIGH
TS_009		Verify responsiveness browser	1. Open the website https://jpp-compiler.vercel.app/index.html	Any Browser	To properly open different windows	Open the difference Windows	PASS	HIGH

Test ID	Type	Title	Steps	Test Data	Expected Result	Actual Result	Status	Priority
TS_010		Verify the Contact button website	1. Open the website https://jpp-compiler.vercel.app/index.html 2. Enter a all details 3. Click on contact button	Name:- Rohit Email:-Rohit.singh1668 message:-sdfcgvhj	Error and not send message in button	Error are in This page isn't working error	FAIL	MEDIUM
TS_011		Verify the Pricing button	1. Open the website 2. Click on the button https://jpp-compiler.vercel.app/index.html	N/A	Click on the chose the subscription and your choice	Click on the Subscription in your Choice	PASS	HIGH
TS_012		Verify the Login functionality in valid details	1. Open the Website 2. Enter a Login Button. https://jpp-compiler.vercel.app/index.html. 3. Enter a email and password 4. Click on Login	Email:- user123@gmail.com Password:-User@123	Login in successfully Account	Login Account in successfully without any error	PASS	HIGH
TS_013		Verify the Login functionality in invalid details	1. Open the website https://jpp-compiler.vercel.app/index.html. 3. Click on Login	Email:-user123gmail.com Password:- User@123	Error in this Login functionality invalid email	User error enter a email valid details	FAIL	MEDIUM
TS_014		Verify loading of the website	Open the URL in a browser https://jpp-compiler.vercel.app/index.html.	Browser: Chrome	Website loads successfully	Website loads successfully without any error	PASS	HIGH
TS_015	Functional	Verify the home button is not work	1. Open the website. https://jpp-compiler.vercel.app/index.html. 2. Click on the HOME button	N/A	Home button is not working	Home button are not working in this website	FAIL	MEDIUM
TS_016		Test is invalid Javascript code execution	1. Open the website 2. Enter a code https://jpp-compiler.vercel.app/index.html 3. Click Run	Code: console.log:Hello world	Error in this code Unexpected token ':'	Unexpected token ':'	FAIL	MEDIUM
TS_017		Test saving of code	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter a code 3. Click Run	Code:- console.log("Hello javascript")	Write the code click on the save button	Code write and Save button	PASS	HIGH
TS_018		Verify output for a runtime error	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter the Code 3. Click on Run	Code:- int("a");	Runtime error are invalid code	Runtime error in this code and invalid code	FAIL	MEDIUM
TS_019		Verify error for missing main function	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter the code in C++ 3. Click Run	Code:- C++ = int x;	Error function is not found	Error as the function is not found	FAIL	MEDIUM
TS_020		Verify clear editor functionality	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter the code in the editor 3. Click the Clear button	N/A	editor be clear and display no text.	Editor the clear display no text	FAIL	HIGH
TS_021		Test file upload functionality	1. Open the website https://jpp-compiler.vercel.app/index.html. 2.Click on the upload File button 3. Upload valid file	N/A	The uploaded file content in the editor	The file content editor as expected.	PASS	MEDIUM

Test Case	Module	Test Scenario	Test Steps	Test Data	Expected Result	Actual Result	Status	Priority
TS_022		Verify the Run Button	1, Open the website 2. Enter the invalid code https://jpp-compiler.vercel.app/index.html. 3. Click on the Run button	Code:- let X =	Error message display output is not so	User enter a a validcode and click on run button	PASS	HIGH
TS_023		Verify the Reset code	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter a code 3. Click Run button	Code :- print("clear")	Error input is filed	User is input is accepted	PASS	HIGH
TS_024		Verify Error for infinite loop	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter the infinite loop 3. Click the Run Button	Code:- while True:pass	Program times out after a fixed duration	Program time is infinite in code error	PASS	HIGH
TS_025		Verify the Compile button functionality	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter then code 3. Cilck the run button	Compiler button	valid code and click the Compile button.	Code should compile without errors.	PASS	HIGH
TS_026	Code Execution	Verify compiler functionality for valid input	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. Enter a vaild js code 3. Click on the Run Button	Console.log("Hello, World!.")	Output area displays Hello, World!.	Output is the correct and so display	PASS	HIGH
TS_027		Validate language change functionality	1. Open seeting https://jpp-compiler.vercel.app/index.html. 2. Change the language 3. Verify the change	Language: French	Application updates to display content in French.	Application updates to the content in French.	PASS	LOW
TS_028	Settings Module	Validate theme change functionality	1. Open the seeting https://jpp-compiler.vercel.app/index.html. 2. Change the theme 3. Verify the change	Theme: Dark Mode	Theme changes to dark mode and the app.	Theme changes the dark mode.	PASS	LOW
TS_029	File Upload Module	Validate error for unsupported file type	1. Open the website https://jpp-compiler.vercel.app/index.html. 2. select an invalid file Click on upload	File: testfile.exe	Error message unsupported file	user select the not supported	PASS	MEDIUM
TS_030	File Upload Module	Validate file upload functionality	1. Open the website 2. select a valid file https://jpp-compiler.vercel.app/index.html. 3. Click on upload	File: testfile.txt	File is uploaded is successfully	User file uploaded successfully without any error	PASS	MEDIUM
TS_031	Output Display Module	Verify the Compile button functionality	1. Run successfully code https://jpp-compiler.vercel.app/index.html. 2. Verify the output	Code: print(1+1)	Output 2 is so in section.	output is the correct in 2	PASS	MEDIUM