```json
[
  {
    "id": 1,
    "type": "positive",
    "title": "Verify Page Loads Successfully",
    "description": "Ensure that the YouTube homepage loads without errors and displays content.",
    "expected_result": "The page loads completely, and content is visible without errors.",
    "steps": [
      "Open a new browser window.",
      "Navigate to https://youtube.com.",
      "Wait for the page to finish loading.",
      "Check that the page status is 200 (OK).",
      "Verify that the page contains visible content (e.g., videos, navigation elements)."
    ]
  },
  {
    "id": 2,
    "type": "negative",
    "title": "Verify Page Loads with Invalid URL",
    "description": "Test the behavior when navigating to a malformed YouTube URL.",
    "expected_result": "The browser displays a 404 or error page.",
    "steps": [
      "Open a new browser window.",
      "Navigate to https://youtube.com/invalidpage.",
      "Wait for the page to finish loading.",
      "Verify that an error message or 404 page is displayed."
```

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    ]
  },
  {
    "id": 3,
    "type": "positive",
    "title": "Verify Page Title",
    "description": "Check that the page title is set (even if it is 'Untitled').",
    "expected_result": "The page title is 'Untitled'.",
    "steps": [
      "Open https://youtube.com in a new browser window.",
      "Wait for the page to finish loading.",
      "Read the page title from the browser tab.",
      "Verify that the page title is exactly 'Untitled'."
    ]
  },
  {
    "id": 4,
    "type": "edge",
    "title": "Verify Page Loads with Disabled JavaScript",
    "description": "Test the homepage rendering when JavaScript is disabled in the browser.",
    "expected_result": "The page loads, but dynamic content may be missing or display a warning.",
    "steps": [
      "Open browser settings and disable JavaScript.",
      "Navigate to https://youtube.com.",
      "Wait for the page to finish loading.",
      "Verify whether any warning or fallback content is displayed."
```

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        ]
    },
    {
        "id": 5,
        "type": "negative",
        "title": "Verify Page Loads with Slow Network",
        "description": "Test YouTube homepage loading under slow network conditions.",
        "expected_result": "The page loads eventually or displays a timeout/error message.",
        "steps": [
            "Open browser developer tools.",
            "Set the network speed to 'Slow 3G'.",
            "Navigate to https://youtube.com.",
            "Wait up to 60 seconds for the page to load.",
            "Verify if the page loads or an error/timeout is displayed."
        ]
    },
    {
        "id": 6,
        "type": "positive",
        "title": "Verify HTTPS Security",
        "description": "Ensure that the homepage is served over HTTPS and the certificate is valid.",
        "expected_result": "The page is served over HTTPS with a valid certificate.",
        "steps": [
            "Open https://youtube.com in a new browser window.",
            "Check the browser's address bar for a lock icon.",
            "Verify that no security warnings are displayed.",
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            "Inspect the certificate details to ensure it is valid."

        ]

    },

    {

        "id": 7,

        "type": "edge",

        "title": "Verify Page Loads with Unsupported Browser",

        "description": "Test homepage loading using an outdated or unsupported browser user agent.",

        "expected_result": "The page loads or displays a warning about browser compatibility.",

        "steps": [

            "Set the browser user agent to Internet Explorer 9.",

            "Navigate to https://youtube.com.",

            "Wait for the page to finish loading.",

            "Verify if the page displays a compatibility warning or loads with degraded functionality."

        ]

    },

    {

        "id": 8,

        "type": "negative",

        "title": "Verify No Forms Present on Homepage",

        "description": "Ensure that there are no forms present on the homepage as per detected features.",

        "expected_result": "No form elements are present in the DOM.",

        "steps": [

            "Open https://youtube.com in a new browser window.",

            "Wait for the page to finish loading.",

            "Search the DOM for any <form> elements.",
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          "Verify that no <form> elements are found."

        ]

    },

    {

        "id": 9,

        "type": "edge",

        "title": "Verify Page Loads After Clearing Cookies and Cache",

        "description": "Test homepage loading after clearing all browser cookies and cache.",

        "expected_result": "The page loads successfully and displays content.",

        "steps": [

            "Clear all cookies and cache in the browser.",

            "Open https://youtube.com.",

            "Wait for the page to finish loading.",

            "Verify that the homepage content is visible and loads without errors."

        ]

    },

    {

        "id": 10,

        "type": "positive",

        "title": "Verify No Buttons Present on Homepage",

        "description": "Ensure that there are no clickable button elements on the homepage as per
detected features.",

        "expected_result": "No <button> elements are present in the DOM.",

        "steps": [

            "Open https://youtube.com in a new browser window.",

            "Wait for the page to finish loading.",
```

```
        "Search the DOM for any <button> elements.",

        "Verify that no <button> elements are found."

      ]

  },

  {

      "id": 11,

      "type": "negative",

      "title": "Verify Page Loads After Forcing HTTP",

      "description": "Test the behavior when attempting to access YouTube over HTTP instead of
HTTPS.",

      "expected_result": "The browser redirects to HTTPS or displays a security warning.",

      "steps": [

        "Open http://youtube.com in a new browser window.",

        "Wait for the page to finish loading.",

        "Verify that the browser redirects to https://youtube.com or displays a security warning."

      ]

  }

]
```

```
        "Verify that the browser redirects to https://youtube.com or displays a security warning."

      ]

  }
```

```
            ]



                    "Verify that the browser redirects to https://youtube.com or displays a security warning."

                ]

            }

                    "Verify that the browser redirects to https://youtube.com or displays a security warning."

                    "Verify that the browser redirects to https://youtube.com or displays a security warning."

                ]

            }

        ]
```