

```
(to, dataset) } }
lists by html.en -->

<div style="background-image:url('/pix/samples/bg1.gif');
<title>Fixed with 2 blue</title>
<style type="text/css">
<div style="background-image:url('/pix/samples/bg1.gif');background . text- topitem ;
height . text - :100px;"><p>The image can be tiled across the background,
while the text runs across the top.</p> </div>

/* Item */
<div style="background-color:yellowgreen;color:white;"
data-todolistid = data.todolistid;

/* Header */
#header { background:#eee; }
#header-inner { margin:auto; padding:10px; width:970px;background:#fff;}

/* Feature */
<div style="background-image:url('/pix/samples/bg1.gif');background . text- topitem ;
height . text - :100px;"><p>The image can be tiled across the background,
while the text runs across the top.</p> </div>

/* Menu */
<p>You can make <span style="font-style:italic">some</span> the HTML 'span' tag.
<p>You can bold <span style="font-weight:bold">some</span> of your text using the HTML 'span' tag.
<pre>nav ul li { margin:0 5 5 5px; float:left;}
<pre>nav ul li a { display:block; margin:0; padding:5px 5px; color:blue; text-decoration:none;}
<body style="background-color:yellowgreen;color:white;" { color:#0000ff;}

/* Content */
<p>You can make <span style="font-style:italic">some</span> the HTML 'span' tag.
<p>You can bold <span style="font-weight:bold">some</span> of your text using the HTML 'span' tag.
<div style="background-image:url('/pix/samples/bg1.gif');background . text- topitem ;
height . text - :100px;"><p>The image can be tiled across the background,
while the text runs across the top.</p> </div>
<body style="background-color:yellowgreen;color:white;"
#content #sidebar .widget ul li { margin:0; }
#content #sidebar .widget ul li { padding:5px 0; width:180px;}
#content #sidebar .widget ul li a { color:blue; text-decoration:none; margin-left:-10px; padding:5px 5px 5px 10px;}
#content #sidebar .widget ul li a { color:blue; text-decoration:none; margin-left:-10px; padding:5px 5px 5px 10px;}
while the text runs across the top.</p> </div>

/* Footer */
#footer { background:#eee; }
#footer-inner { margin:auto; text-align:center; padding:10px; width:970px;}
<html <? style="font-weight:bold;"
<!-- font code is done using CSS </p>
<html> < .todolistid = data.todolistid;
```

CASE STUDY

CROSS-BROWSER & MULTI-PLATFORM COMPATIBILITY TESTING FOR AN EDTECH STARTUP



CCS
technologies

www.ccs-technologies.com

ABOUT CLIENT

The client is a US-based startup providing innovative social emotional learning solutions to educational institutes, companies, and individuals on a subscription basis.

BUSINESS REQUIREMENT

Given device-browser fragmentation, the client wanted their web application/learning management system (LMS) to work flawlessly across devices, browsers, and platforms. The client's LMS had to be made cross-browser and multi-platform compatible.

CCS SOLUTION

Testing on major device-browser-OS combinations necessitates a robust test environment. This is where the economic aspect becomes a major concern since setting up real devices, desktop-browser-OS combinations on-premises would imply a large financial commitment. Additionally, maintaining and updating the lab with the latest devices/browsers/versions etc. at regular intervals would be effort intensive. CCS Engineers addressed these challenges by:

- Identifying the most widely used devices, browsers, and platforms and arrived at a compatibility testing matrix.
- Identifying a comprehensive test infrastructure for compatibility testing.

CCS Engineers opted for cloud-based testing infrastructure given that it provides access to multiple browsers and its many versions, operating systems (OS) and real devices.

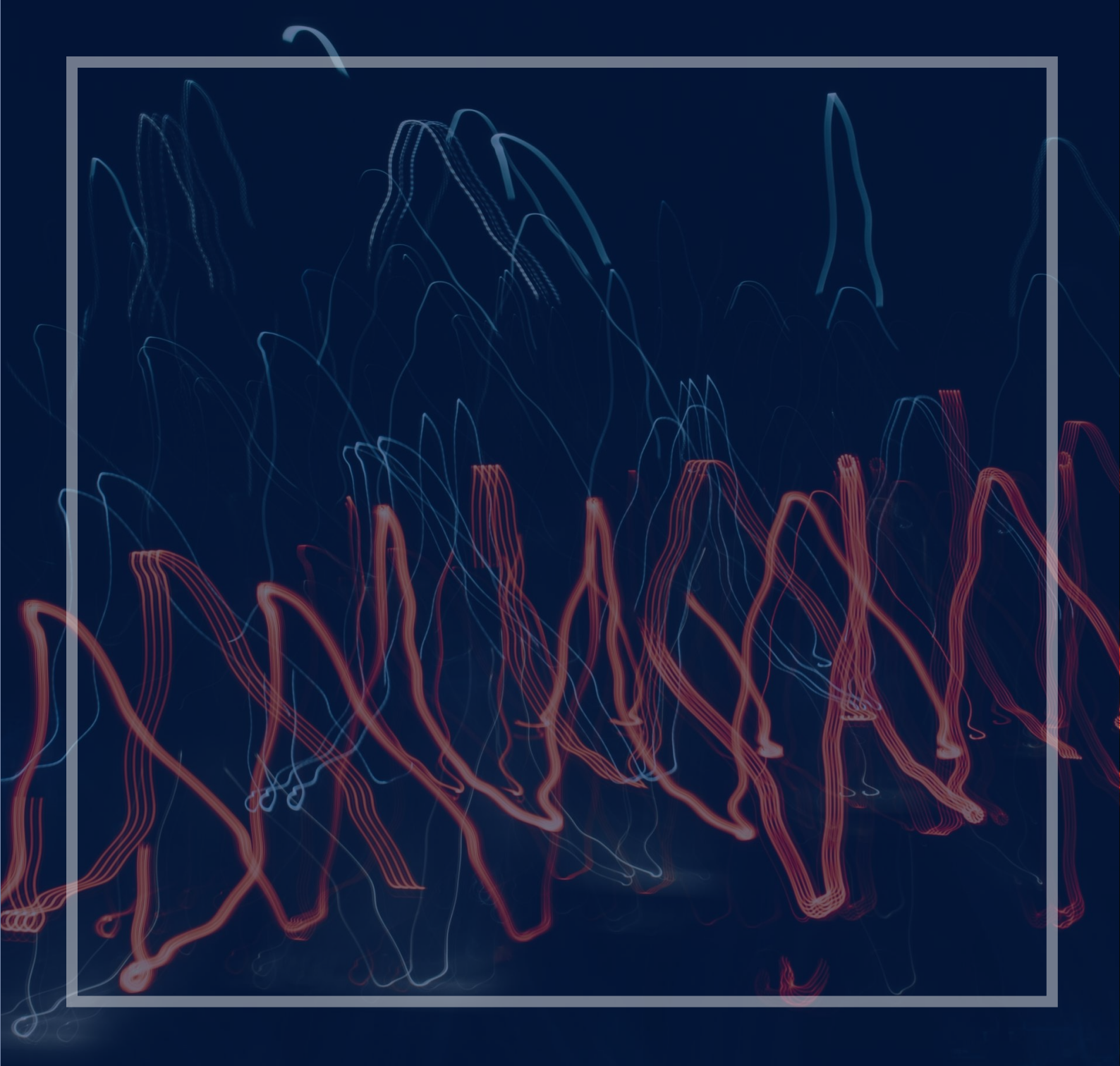
BUSINESS BENEFITS

- Validated the LMS's interoperability across different browsers and platforms through low-cost cloud-based testing.
- The use of cloud infrastructure for testing eliminated the need for device procurement, maintenance, and updates.
- Moving testing to the cloud also allowed for more comprehensive compatibility coverage.
- The cross-browser and multiple-platform compatible LMS equipped the client to serve fragmented audiences.



TOOL(S) USED

- Sauce Labs.
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