



TECHNICAL TEST

Coding challenge

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Technical Stack

ASP.NET MVC 5
Ninject (Dependency Injection & Inversion of Control)
C#
HTML5
CSS3
Bootstrap
jQuery
UnitTest (.NET Framework)

System architecture.



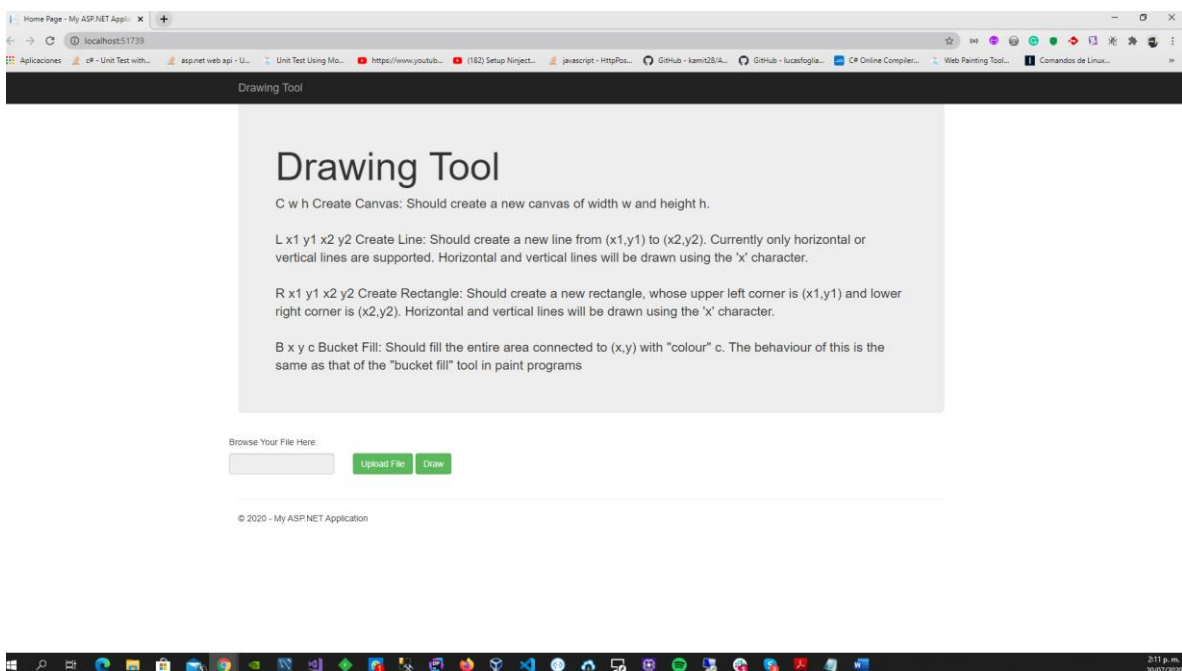
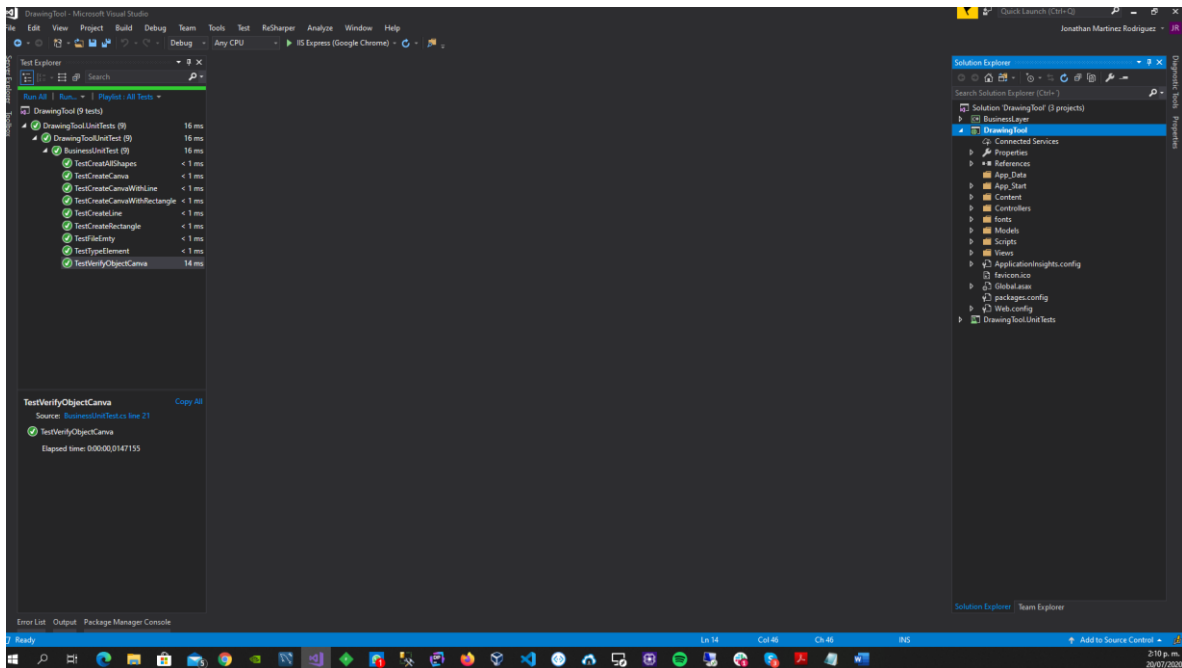
The purpose of this project was to create an application that draws geometric shapes on a canvas.

The application received a text file with a type of figure and coordinates.

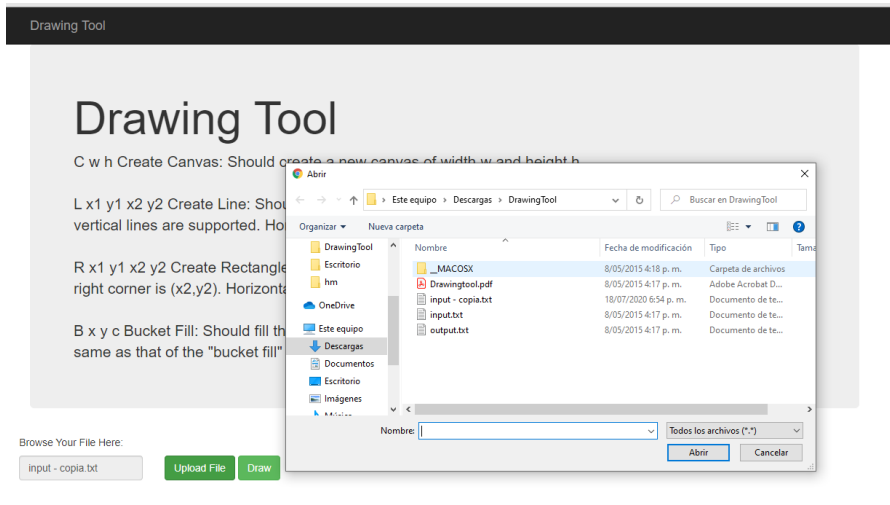
The application must draw the shapes and generate an output file.

Features.

Run the web application

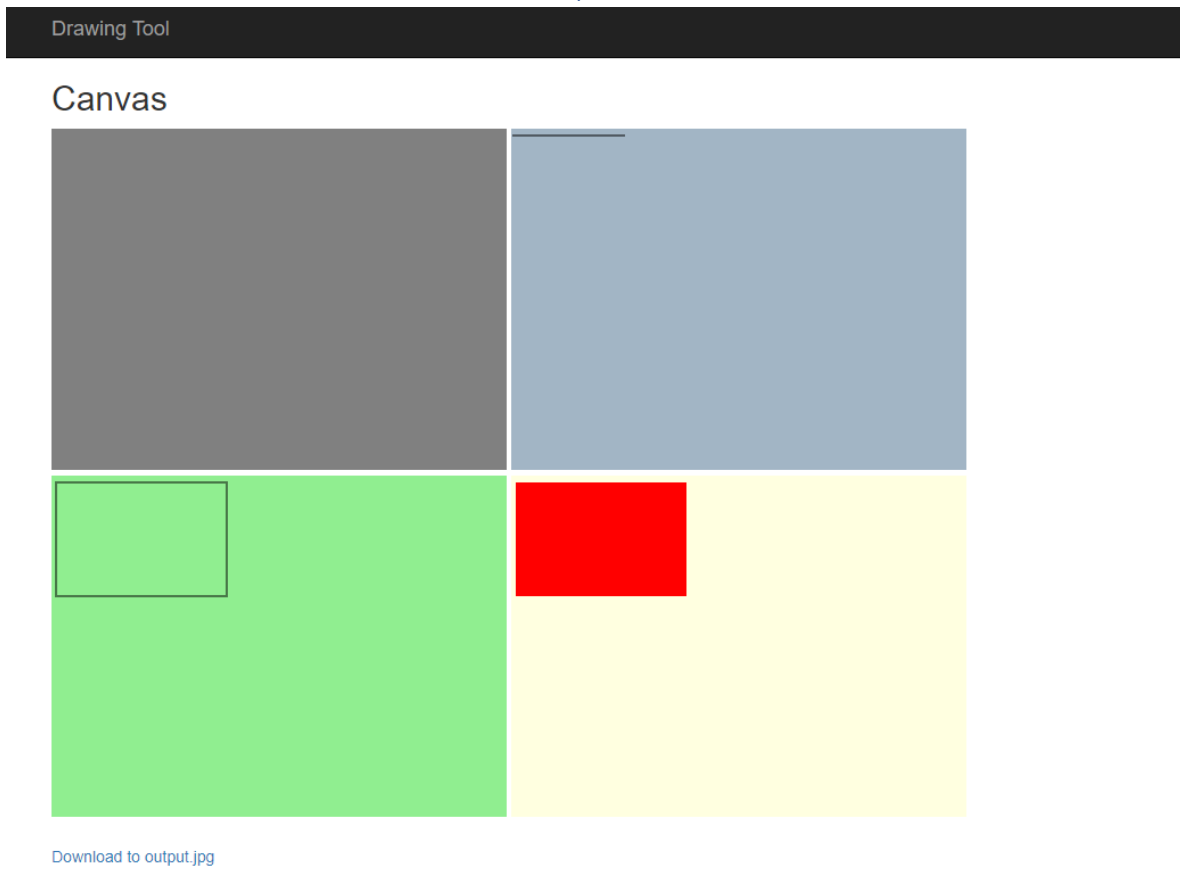


Click the Upload File button, to upload the file with the coordinates.



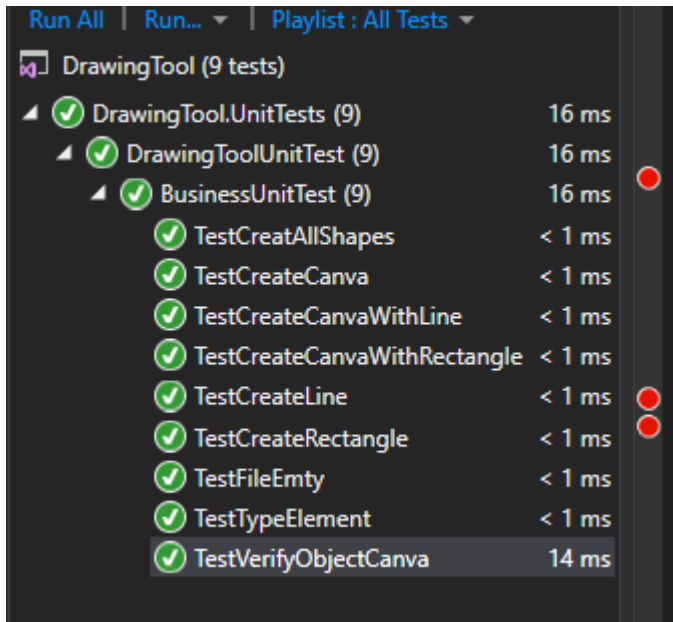
© 2020 - My ASP.NET Application

Click on the draw button to draw the shapes.



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Unit tests.



Run All Run... Playlist : All Tests	
DrawingTool (9 tests)	
▲ ✓ DrawingTool.UnitTests (9)	16 ms
▲ ✓ DrawingToolUnitTest (9)	16 ms
▲ ✓ BusinessUnitTest (9)	16 ms
✓ TestCreatAllShapes	< 1 ms
✓ TestCreateCanva	< 1 ms
✓ TestCreateCanvaWithLine	< 1 ms
✓ TestCreateCanvaWithRectangle	< 1 ms
✓ TestCreateLine	< 1 ms
✓ TestCreateRectangle	< 1 ms
✓ TestFileEmty	< 1 ms
✓ TestTypeElement	< 1 ms
✓ TestVerifyObjectCanva	14 ms