

Capstone Project Summary  
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For the capstone project, I worked in the Graphics group on the Touch Art Gallery (TAG), which is a touch focused Windows metro style application designed for museums to present large artworks in a novel fashion. It has also been extended into a web application, which I also worked on as part of my capstone project.

The kiosk mode of TAG consists of three main modules – exhibition selection, collections and artworks, as shown in figure I, II and III respectively.

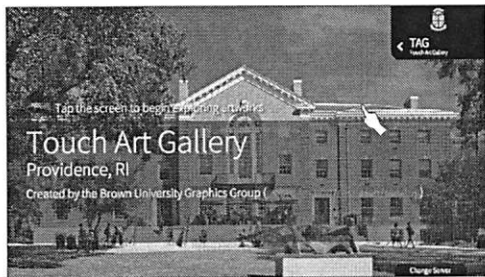


Figure I



Figure II

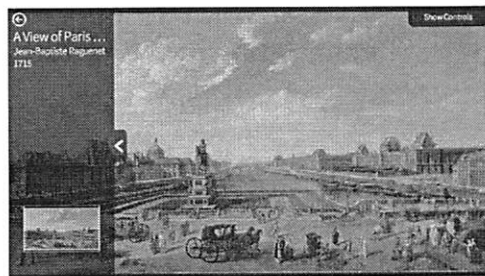


Figure III

For the first half of my project, I worked on the server side of the application, such as adding server features to improve thumbnailing, creating methods to fetch appropriate artworks and fixing general bugs.

For the second half of the capstone, I worked on turning TAG into a web application. This includes refactoring code, searching for proper APIs and other new issues that arose along the way such as the manipulation of artworks across different browsers. Figure IV and V shows some of the features in the web version of TAG that I have worked on.

Figure IV shows the location history feature within the artwork mode. This allows the user to trace back the location history of the artwork on Bing maps.

Figure V shows the interactive tour in TAG that allows users to pause and manipulate the artworks for closer examination at any time.



Figure IV

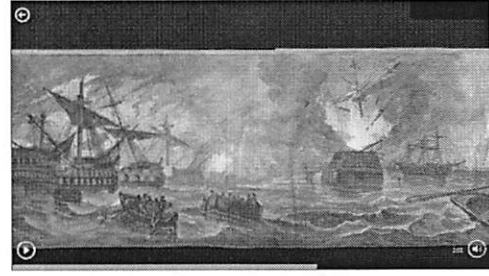


Figure V