

A MassDOT MultiModal Mashup for Rides to Wellness

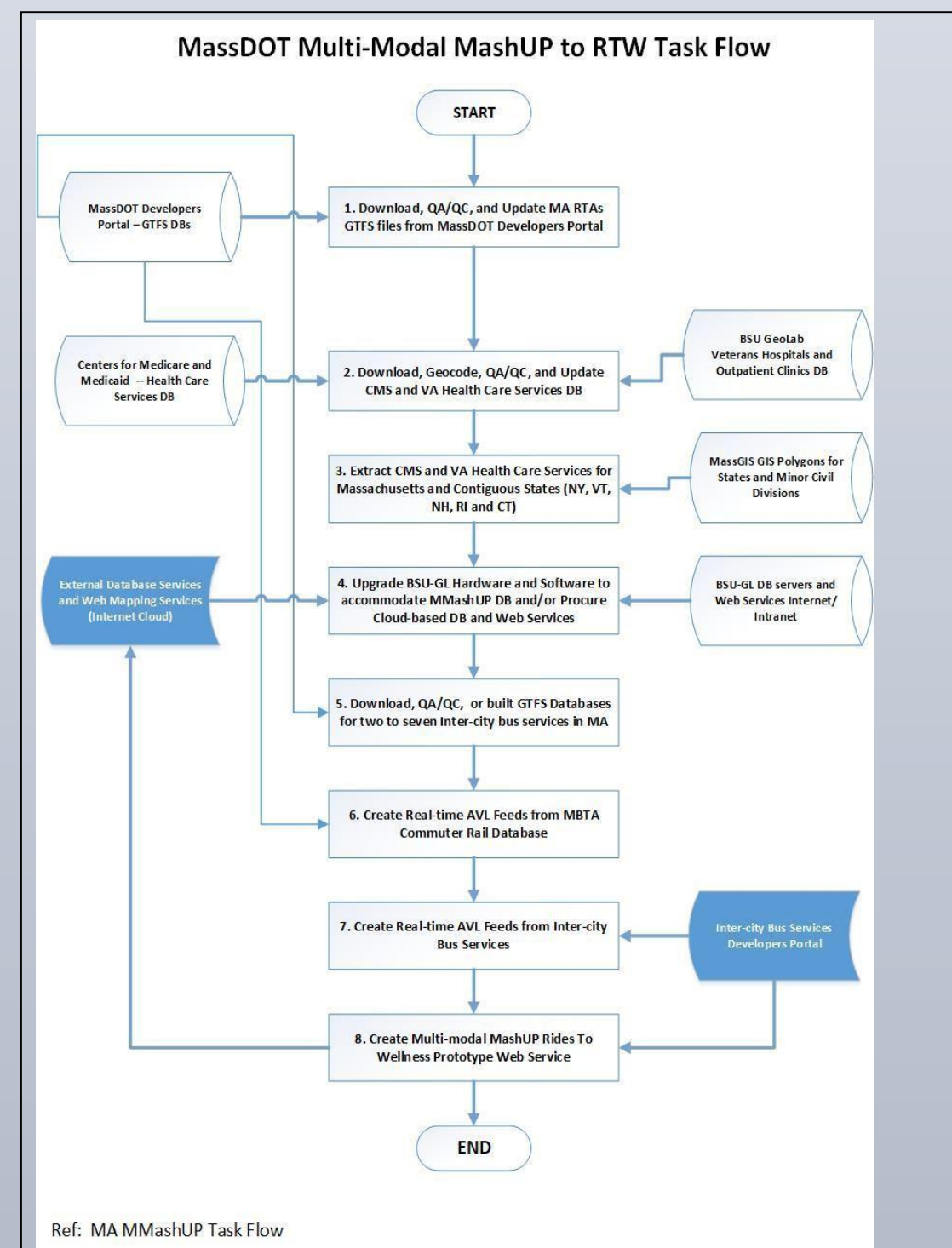
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INTRODUCTION

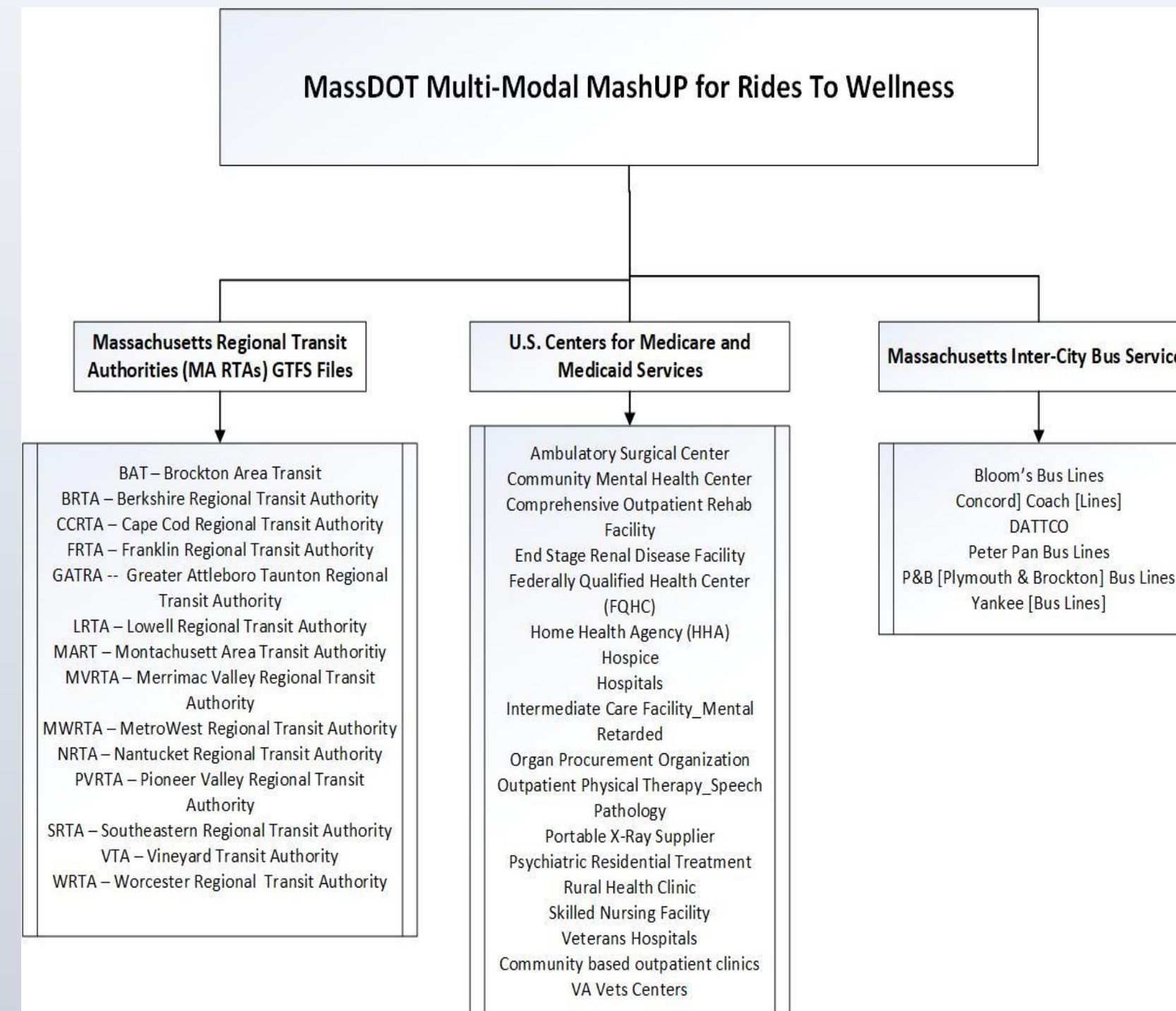
Challenge: Can a state DOT create a Multimodal Mashup for Rides to Wellness on the Web?

This MassDOT research project creates a prototype Web mapping application which will assist veterans, seniors, and individuals with disabilities living in rural and small urban areas to plan and accomplish multi-modal access to health care services throughout the Commonwealth of Massachusetts.

MAJOR STEPS TAKEN



GOALS AND IMPLEMENTATION



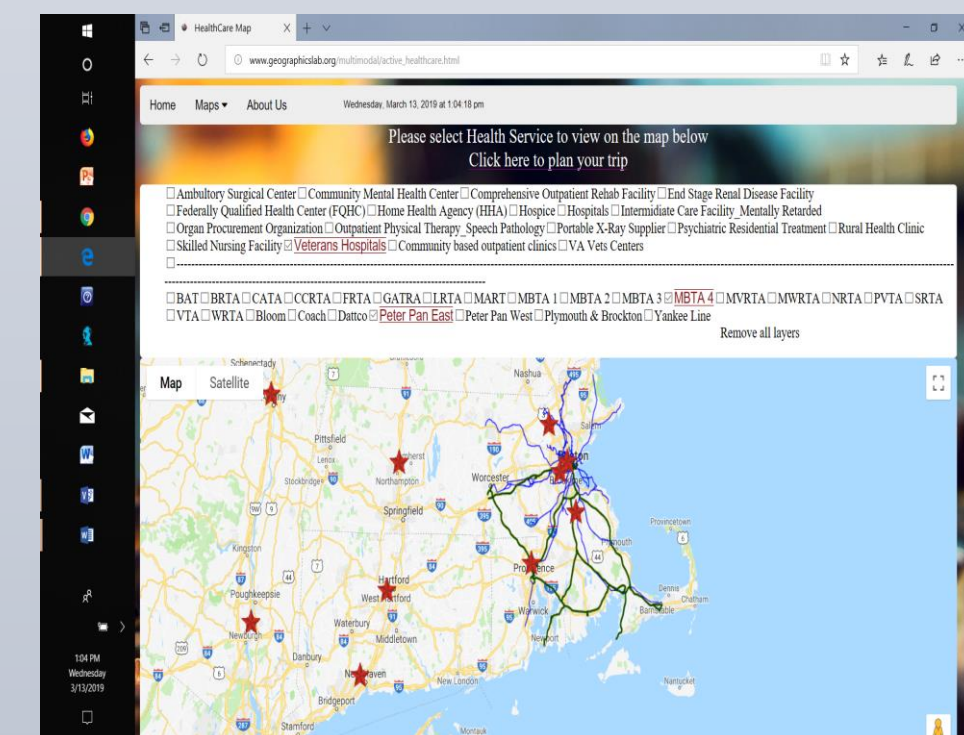
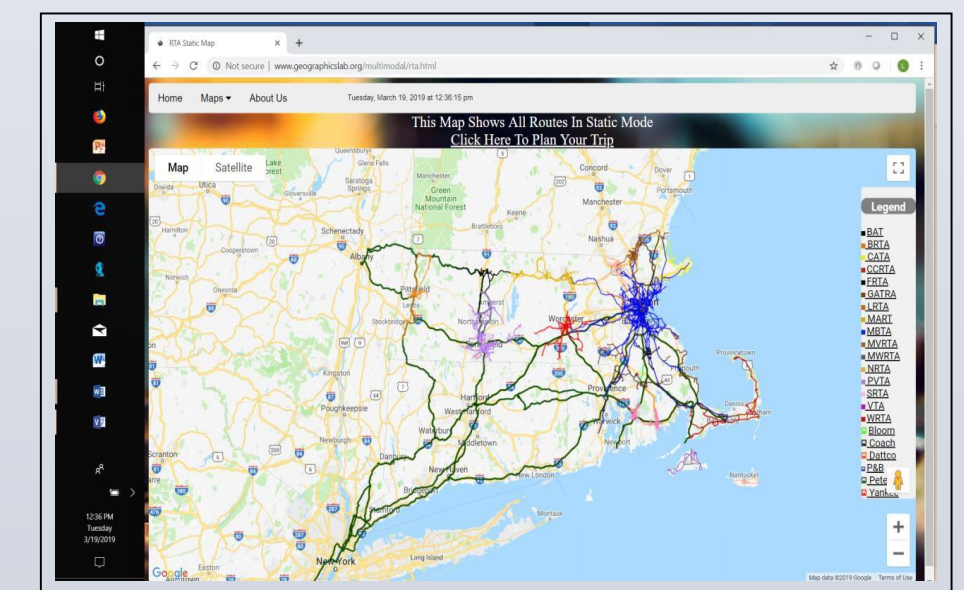
RESULTS

A prototype Multi-modal Mashup (MMashup) was created on Google's Platform-as-a-Service (PaaS) for every region of the Commonwealth. For development purposes the prototype MMashup is hosted on the BSU GeoGraphics Lab's web service (www.geographicslab.org/multimodal). The MMashup for Rides-To-Wellness (RTW) has Four layers:

- A Static Route Map with 22 regional transit and intercity passenger services.
- A Rides to Wellness "Health Care" Map with 16 CMS categories of health care providers and VA health services and all transit services listed above in a customizable "pick and choose" checkbox interactive display.
- A Real-Time MBTA Map – select a route from a drop-down menu of all commuter rail, heavy rail, light rail, and bus services by route name (head sign).
- A Link to the Google Trip Planner, platform as a service, focused on Massachusetts.

WHAT WE LEARNED

GTFIS feeds for transit and inter-city bus are regularly updated by the state DOT. CMS and VA Healthcare services location data are available on a quarterly basis. Using a standard GIS software, these data can be georeferenced. All of these geocoded layers can be mashed up in the google maps platform.



CONTACT INFORMATION

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