The biggest change in my project is that I have completely abandoned the Google Timezone API because it does not achieve the goal that I wanted to do, especially that it only tells the user the current time of a specific location. In that case, it will just be exactly same as the “world clock” app that I want to remediate in the first place. The Abstract Timezone API, on the other hand, provides a way better return data that is helpful for my project goal, and some additional values that was helpful to use in other part of the project (sunrise-sunset API). Besides the platform was changed, the process and the purposes of the timezone API stays the same.

Then, I have realized that pulling useful data from the sunrise-sunset API is harder than I thought. First, it requires a specified longitude and latitude number to initiate the API. Then, the sunrise/sunset time returned was completely based on the UTC time, which further adjustment is needed to convert to the target location time, in order to provide proper virtual meeting time recommendation. Thankfully, this problem can be solved by the data returned from Abstract API. It includes the longitude and latitude data for the location being called upon, plus the offset from UTC (+9, -7 etc.) Although the algorithms can be intensive to code, the data are at least available, which saved a lot of time to further fetch the data to use sunrise-sunset API.

Everything else went exactly as mentioned in the project proposal