MBTA-T-TIMINGS

http://net4.ccs.neu.edu/home/venkat89

https://www.youtube.com/watch?v=pHv-T4BL34Y

Goal:

The objective of this web development project is to design a website, enabling the end user to enter the boarding and destination place to obtain the schedule for next available train. MBTA-realtime RESTful web service is consumed to fetch the live data and is then processed with logics to extract the required train timings.

System Features:

- **Orange-Line Train Search:** User has the ability to search for next available train timings in the Orange-Line for both Inbound & Outbound directions.
- **Green-Line Train Search:** User has the ability to search for next available train timings in the Green-Line for all the routes (B, C, D & E) with both Inbound & Outbound directions.
- **Red-Line Train Search:** User has the ability to search for next available train timings in the Red-Line with both Inbound & Outbound directions.
- **Blue-Line Train Search:** User has the ability to search for next available train timings in the Blue-Line with both Inbound & Outbound directions.
- **Google-Maps Integration:** User has the ability to view the train routes in google maps based on boarding and destination stops. The latitude and longitude of the corresponding stops are identified and then it is plotted over google maps with colored markers.
- **Nearby-Stop:** The Nearby-Stop locator assists the end user to identify which MBTA-T stop is in proximity. Inorder to leverage the user interaction, the places are marked in google maps with colored markers.

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