

## Case Study

### Bus Station Application Solution

Required a software solution with the aim to provide web/mobile applications for public bus service. They help notify the citizens (general public) who want to have a bus service by the number and destination on buses which is currently at the nearest bus station to the citizens' current location. The app. Also detects the bus in the nearest area and provide assistance in reaching help on time. It is required to develop a mobile application that provides immediate response to request for the nearest bus and nearest station.

### Challenges

The client was in search of a solution that would help the public locate the nearest bus with the desired destination through their mobile device and the other buses in the nearest area. They also needed to display the geographic locations of the stations in a selected area and provide directions between the current location and the station site. Additionally, the company needed the app to be able to handle and respond to a high volume of requests notifications if destinations has been changed.

It is required to develop a comprehensive cross platform mobile application and a web dash board that could handle numerous requests during day time. The app allows a person in need to find the nearest bus station, along related details and even an image of the bus with a label. Users can search for a required destination by name in a certain time.