The Following table contains API for the system:

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| API | Request | Response |
| getTrainArrivalTime(Station station) | requests with the current location of the station | return a response of ‘Train-stop’ object.  It’s a list with detail about the current location of trains,arrival time,departure time |
| getTrainDetail(String train\_name) | requests with the train name | returns a ‘Train’ object with available seats and current location. |
| BookTicket(Location source,Location destination,Double amount)  \*supports both on site and online | requests with the current source and destination stations and the fair to travel from source to destination | returns a ‘Ticket’ object having the QR along with other detail about the purchase |
| finishJourney() | customer scans the QR code | The validity of the QR is made false in ‘Ticket’ table and ‘trip’ object is returned |
| UpdateJourney(Location destination,Double amount) | requests to update the destination with the adjusted fair | In ‘Ticket’ table destination,fair,QR is updated(invalidating the previous qr). returns the ‘Ticket’ object with new QR. |