**Project Objectives**

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| Date | 19 November 2022 |
| Team ID | PNT2022TMID47580 |
| Project Name | Smart Solutions for Railways |

**Project Objective :**

* Using the Web application, a user books a ticket based on the availability of the seats by giving the general required information.
* Once a user clicks on the submit button, a QR code is generated with a Unique ID and the data is stored in the Cloudant DB with that Unique ID.
* Users can save the QR code for further process.
* In python code, a Ticket collector can scan the QR code and extract the information from the QR  Code i.e., Unique ID. With that Unique ID, data is fetched from the Cloudant DB, if it is not found, then it displays Not a Valid Ticket.
* Also, the live location of the train will be published to IBM IoT platform using python code
* The train location can be tracked from a Web Application.