

**Project Development Phase**  
**Testcases**

<b>Date</b>	19 November 2022
<b>Team ID</b>	PNT2022TMID30278
<b>Project Name</b>	Smart Solution for Railways

**Table 8.1** Test Cases

<b>Test case ID</b>	<b>Feature Type</b>	<b>Component</b>	<b>Test Scenario</b>
Frontend_TC_OO1	Dashboard UI	Home page(Client)	Verify user credentials for their login
Backend_TC_OO2	App Configuration	Node Red Flow Editor	UI should get the details from the user to store in database and to generate QR Code.
QR_Generation_TC_OO3	QR Code Generation	Node Red Tool	Verify QR code generation for the entered information
Datebase_TC_OO4	Cloudant Database	IBM Cloudant DB	Verify the details which we entered while booking to store in the database

Table.8.2. Test Report

Steps To Execute	Test Data	Expected Result	Status	Executed by
1.Register an accountfor an new user 2.Login in with the respective credentials	<a href="localhost/Try/login">localhost/Try/login</a>	User should navigate to user account homepage	Pass	Megavarshini S
1.Web UI configuration 2.Function Configuration 3. Application flow	<a href="http://smart-railways.eu-gb.mybluemix.net/ui/">http://smart-railways.eu-gb.mybluemix.net/ui/</a>	Process the information which given by the user and store it in database	Pass	Gokul Erusappan N
1. Enter the appropriate information in required fields. 2. Select the available seat 3. Submit	<a href="http://smart-railways.eu-gb.mybluemix.net/ui/">http://smart-railways.eu-gb.mybluemix.net/ui/</a>	The QR Code should be generated which integrated passenger details	Pass	Shudarvizhi KL
1. Click submit once you enter all the required fields. 2. Go to Cloudant dashboard 3. Click the recent updated metadata	<a href="https://95a9ab19-b04c-498f-82e9-fd70bc26bd54-bluemix.cloudant.com/dashboard.html#database/passengerdetails/_all_docs">https://95a9ab19-b04c-498f-82e9-fd70bc26bd54-bluemix.cloudant.com/dashboard.html#database/passengerdetails/_all_docs</a>	Passenger details should store in database document	Pass	Dhinakaran U