

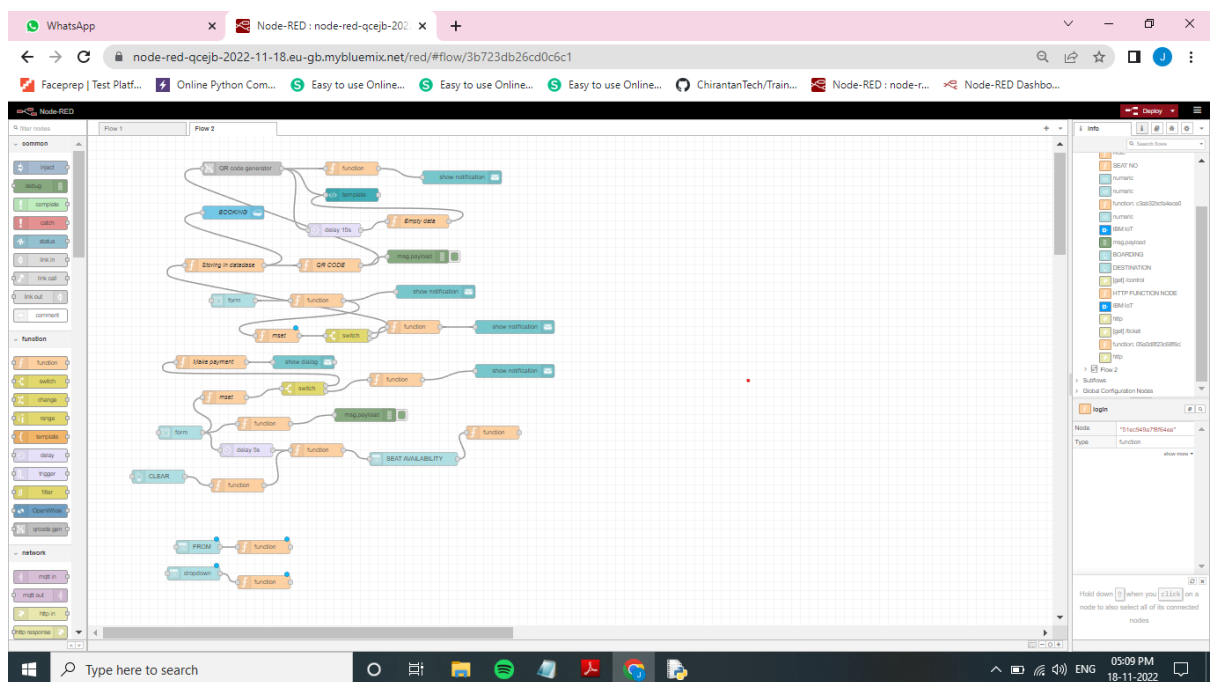
SPRINT 4

SMART SOLUTION FOR RAILWAYS

PROJECT DEVELOPMENT PHASE

Team ID : PNT2022TMID26493

**Team Members : Harrish Kumar S
Hariharasudhan A
Irfanshakil S
Joshiba M**



WhatsApp x Node-RED : node-red-qcejb-202 x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

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Node-RED

Filter nodes

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template

Flow 1

Flow 2

dropdown

function

msg.payload

IBM IoT

msg.payload

ui control

worldmap

info

Search flows

- get /control
- HTTP FUNCTION NODE
- IBM IoT
- http
- get /socket
- function: 05a08f23cd886c3
- http

Flow 2

Subflows

Global Configuration Nodes

login

Node "51ec949a7b954ee"

Type function

show more

You can confirm your changes in the node edit tray with `ctrl+enter` or cancel them with `ctrl+escape`

Type here to search

05:03 PM 18-11-2022

WhatsApp x Node-RED : node-red-qcejb-202 x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

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Flow 1

Flow 2

IBM IoT

msg.payload

ui control

worldmap

info

Search flows

- AGE
- SEAT NO
- numeric
- numeric
- function: c3ab32bcb94ee03
- numeric
- IBM IoT
- msg.payload
- BOARDING
- DESTINATION

login

Node "51ec949a7b954ee"

Type function

show more

Hold down `ctrl` when you `click` on a node port to enable quick-wiring

Type here to search

05:01 PM 18-11-2022

WhatsApp x Node-RED : node-red-qcejb-202 x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

Node-RED

Flow 1 Flow 2

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template

Flow 1

Flow 2

login

Node "51ec949a7f0f54ee"

Type function

Enable or disable these tips from the option in the settings

Type here to search

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WhatsApp x Node-RED : node-red-qcejb-202 x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

Node-RED

Flow 1 Flow 2

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template
- delay
- trigger
- filter

Flow 1

Flow 2

QR code generator

Properties

- Name QR code generator
- Show actionable string in Status (max 100 char)
- Colors Background QRcode
- Type HTML-Link or Text
- Text or URL https://example.com

QR code generator

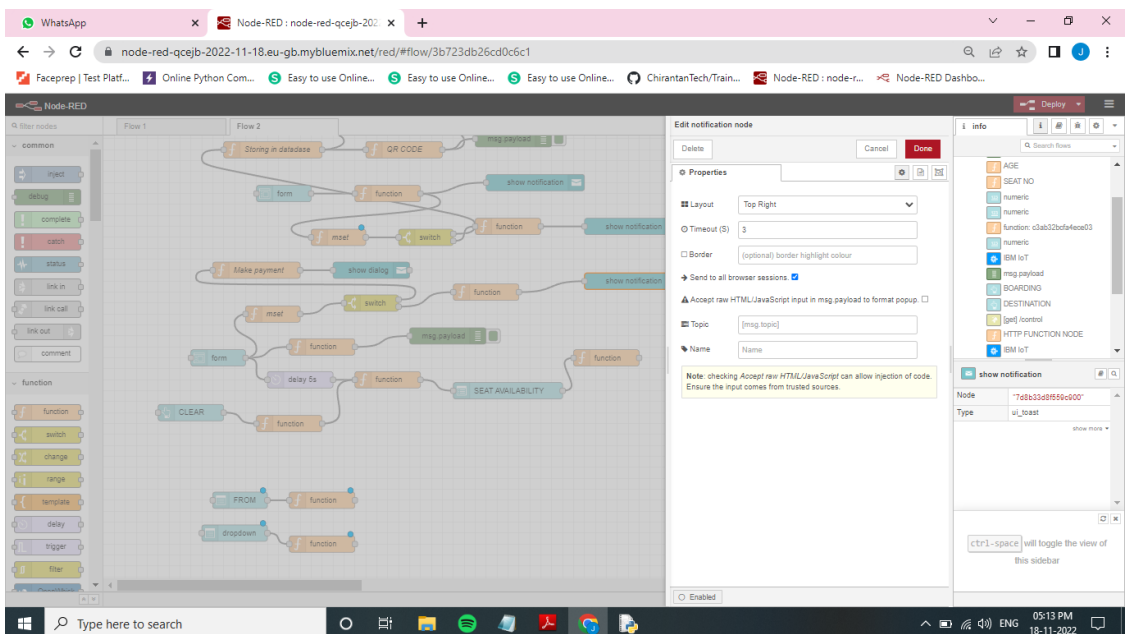
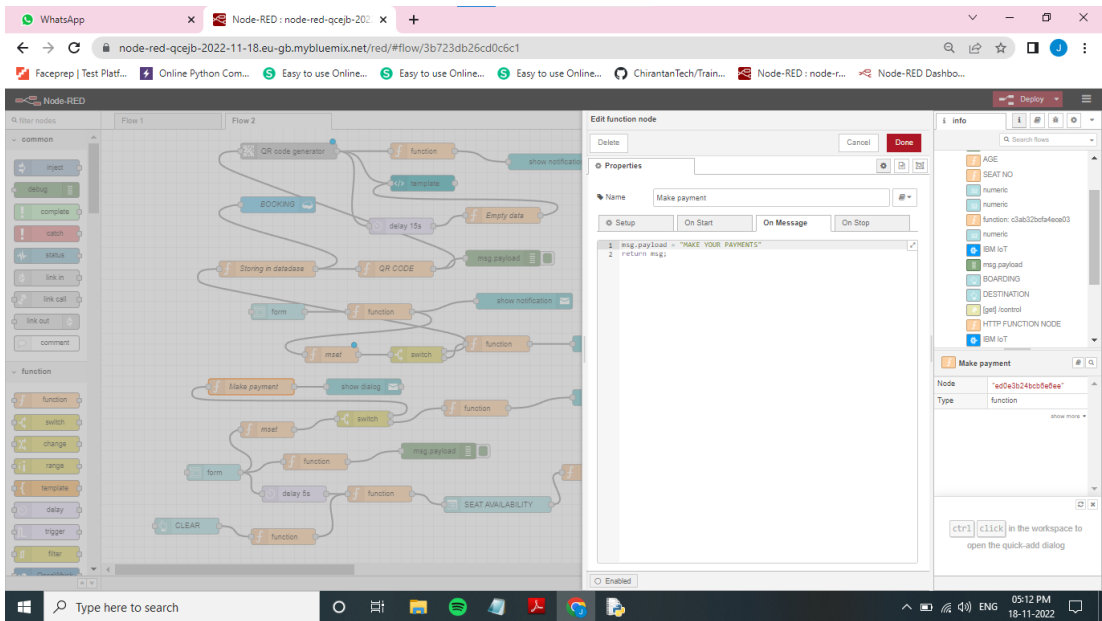
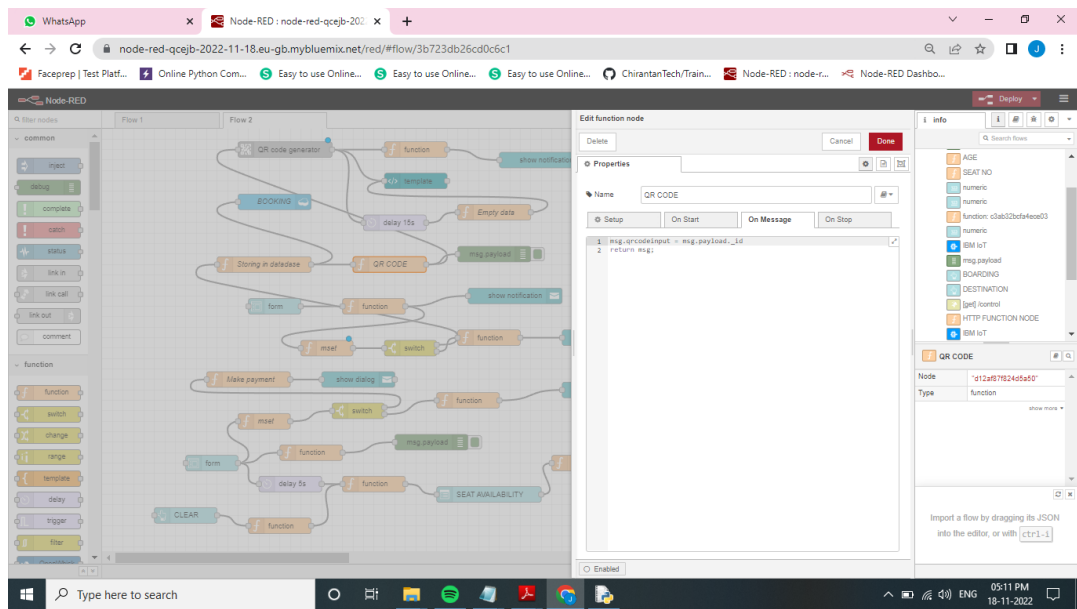
Node "97f91bac26cd0c6c1"

Type qr-code-generator

Enable or disable these tips from the option in the settings

Type here to search

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WhatsApp Node-RED : node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

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Node-RED

Filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

template

delay

trigger

star

Flow 1

Flow 2

Storing in database

QR CODE

msg.payload

show notification

form

function

msg

switch

function

Make payment

show dialog

msg

switch

function

msg.payload

form

function

delay 5s

function

CLEAR

function

SEAT AVAILABILITY

FROM

function

dropdown

function

Edit dropdown node

Delete

Cancel

Done

Properties

Group

[PHONE] SIGNIN

Size

auto

Label

SEAT AVAILABILITY

Tooltip

optional tooltip

Placeholder

Select option

Options

1 1

2 2

3 3

4 4

5 5

Allow multiple selections from list: ☐

If msg arrives on input, pass through to output: ☒

Topic

msg.topic

Name

Enabled

Info

AGE

SEAT NO

numeric

numeric

function: clab32cfa4eead03

numeric

IBM IoT

msg.payload

BOARDING

DESTINATION

get control

HTTP FUNCTION NODE

IBM IoT

SEAT AVAILABILITY

Node

7311c089473231f2

Type

ui_dropdown

Pressing enter will edit the first node in the current selection

Type here to search

05:13 PM 18-11-2022

WhatsApp Node-RED : node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

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Node-RED

Filter nodes

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inject

debug

complete

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link in

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link out

comment

function

function

switch

change

range

template

delay

trigger

star

Flow 1

Flow 2

CLEAR

function

FROM

function

dropdown

function

dropdown

function

msg.payload

IBM IoT

msg.payload

worldmap

control

Edit IBMiot out node

Delete

Cancel

Done

Properties

Authentication

API Key

API Key

29c755a90342a8ee

Output Type

Device Command

Device Type

joshiba32

Device Id

joshiba32deviceid

Command Type

cmd

Format

json

Data

data

QoS

0

Name

IBM IoT

Service

registered

Note: If there is a property in the message that corresponds to any of the values entered above, then the property in the message takes precedence. See the info tab for more details. Example JSON device event: {"id": "myName", "Arduino Uno", "temperature": 300}

Info

AGE

SEAT NO

numeric

numeric

function: clab32cfa4eead03

numeric

IBM IoT

msg.payload

BOARDING

DESTINATION

get control

HTTP FUNCTION NODE

IBM IoT

IBM IoT

Node

90ba302a6259d4

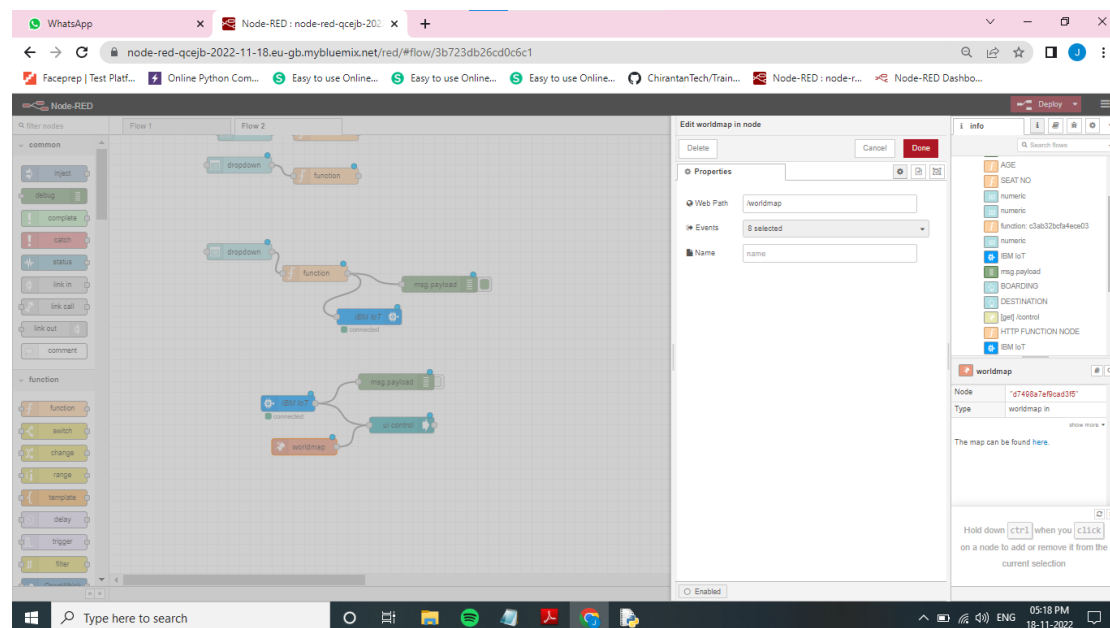
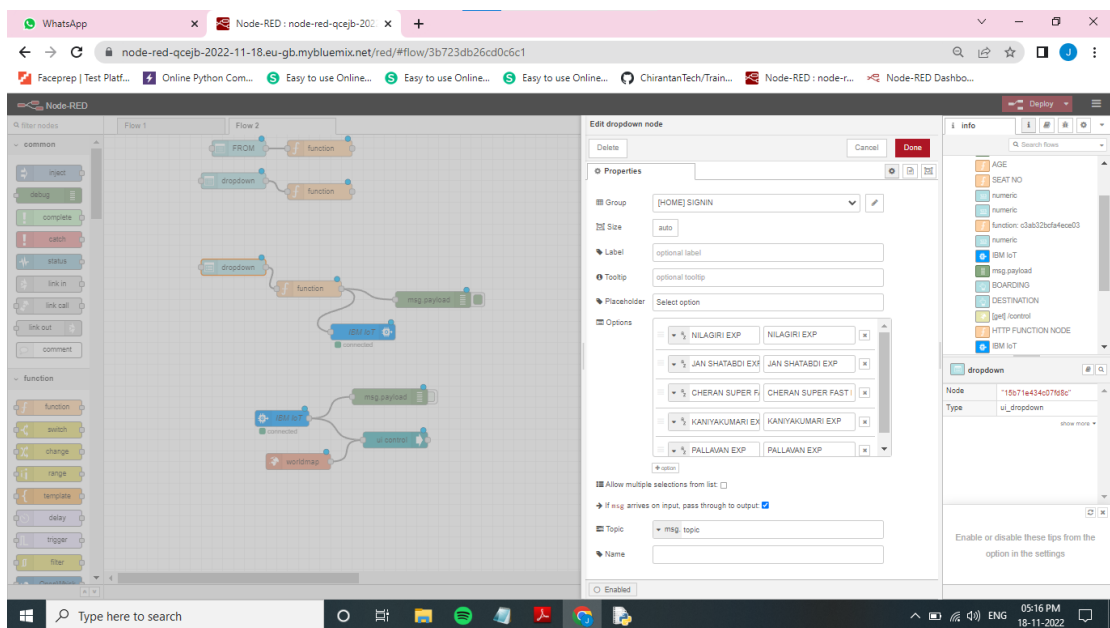
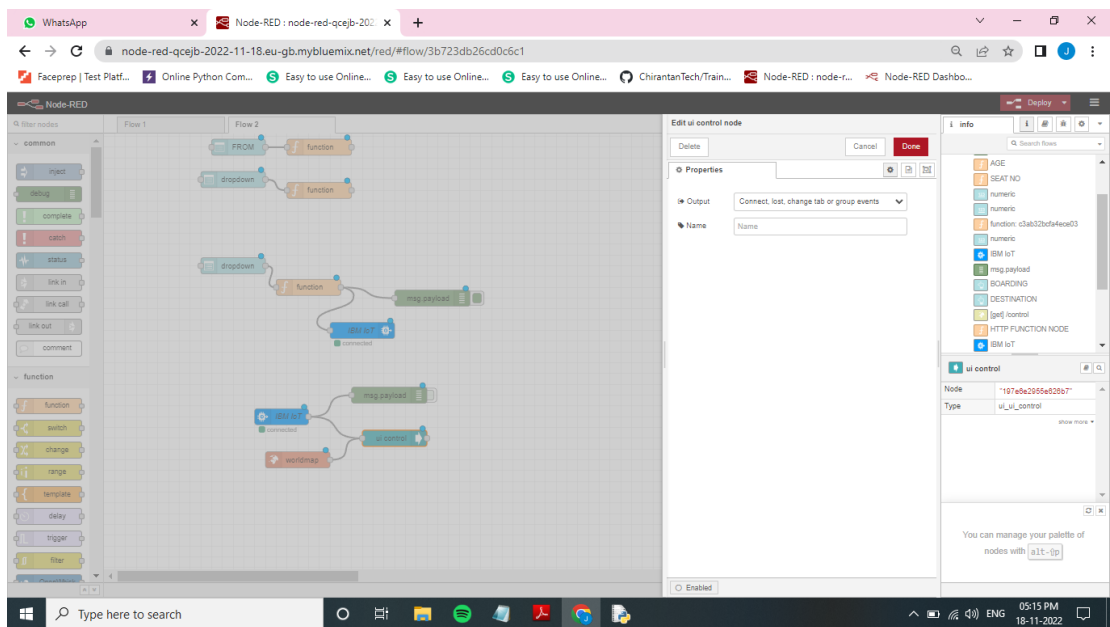
Type

ibmiot out

ctrl-space will toggle the view of this sidebar

Type here to search

05:14 PM 18-11-2022



WhatsApp Node-RED : node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

Node-RED

Flow 1

Flow 2

common

filter nodes

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

template

delay

trigger

filter

edit worldmap in node

Properties

Web Path: worldmap

Events: 8 selected

Name: name

Info

worldmap

Node: "d7468a7ef6cad319"

Type: worldmap in

The map can be found [here](#).

Hold down **ctrl** when you **click** on a node to add or remove it from the current selection

Type here to search

05:18 PM 18-11-2022

WhatsApp Node-RED : node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/3b723db26cd0c6c1

Node-RED

Flow 1

Flow 2

common

filter nodes

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

template

delay

trigger

filter

edit notification node

Properties

Layout: OK / Cancel Dialog

Send to all browser sessions: ☒

Default action label: OK

Secondary action label: (optional label for Cancel button)

Accept raw HTML/JavaScript input in msg.payload to format popup: ☐

Topic: [msg.topic]

Name: Name

Note: checking Accept raw HTML/JavaScript input in msg.payload to format popup. Ensure the input comes from trusted sources.

Info

show dialog

Node: "b0d1db87e2bdf180"

Type: ui_dialog

You can remove the selected nodes or links with **delete**

Type here to search

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node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/ui/#/0?socketid=OaKhXhL1SXkDlwrVAAAG

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HOME

SIGNIN

numeric 99 ^

numeric 5 ^

numeric 0 ^

BOARDING

DESTINATION

Name on card *

Card number *

Expiry date *

CIV

PROCEED TO PAY CANCEL

NAME * AGE *

MOBILE NUMBER * EMAIL ID *

SUBMIT CANCEL

SEAT 2

CLEAR

Type here to search

07:41 PM 18-11-2022

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node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/ui/#/0?socketid=OaKhXhL1SXkDlwrVAAAG

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HOME

CLEAR

FROM TAMBARAM SNTRM ^

COIMBATORE JN- CBE ^

CHERAI SUPER FAST EXP ^

SIGNIN

USER NAME *

Email *

Password *

confirm password *

SUBMIT CANCEL

LOGIN

EMAIL ID *

Password *

SUBMIT CANCEL

Type here to search

07:43 PM 18-11-2022

Easy to use Online x (3) WhatsApp x Node-RED Dashb x IBM x IBM-Project-228 x Sprint 1.pdf x IBM-EPBL/IBM-P x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/ui/#/07/socketid=OaKhXL1SXkDlwrVAAAG

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HOME

SIGNIN

USER NAME *
JOSHIBA M

Email *
joshibam@gmail.com

Password *

confirm password *

SUBMIT CANCEL

LOGIN

EMAIL ID *
joshibam@gmail.com

Password *

SUBMIT CANCEL

Type here to search

07:45 PM 18-11-2022

Easy to use Online x (3) WhatsApp x Node-RED Dashb x IBM x IBM-Project-228 x Sprint 1.pdf x IBM-EPBL/IBM-P x +

node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/ui/#/07/socketid=OaKhXL1SXkDlwrVAAAG

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HOME

DESTINATION

Name on card *
JOSHIBA

Card number *
123412341234

Expiry date *
11-10-2023

cvv
123

PROCEED TO PAY CANCEL

NAME *
JOSHIBA

AGE *
20

MOBILE NUMBER *
99999999999

EMAIL ID *
joshibam@gmail.cc

SUBMIT CANCEL

SEAT 1

CLEAR

FROM TAMBARAM SNTRM

COIMBATORE JN- CRE

CHERAI SUPER FAST EXP

Type here to search

07:50 PM 18-11-2022