

## Project Development Phase Sprint-4

Team ID	PNT2022TMID35915
Project Name	Smart Solutions for Railways

### Updates:

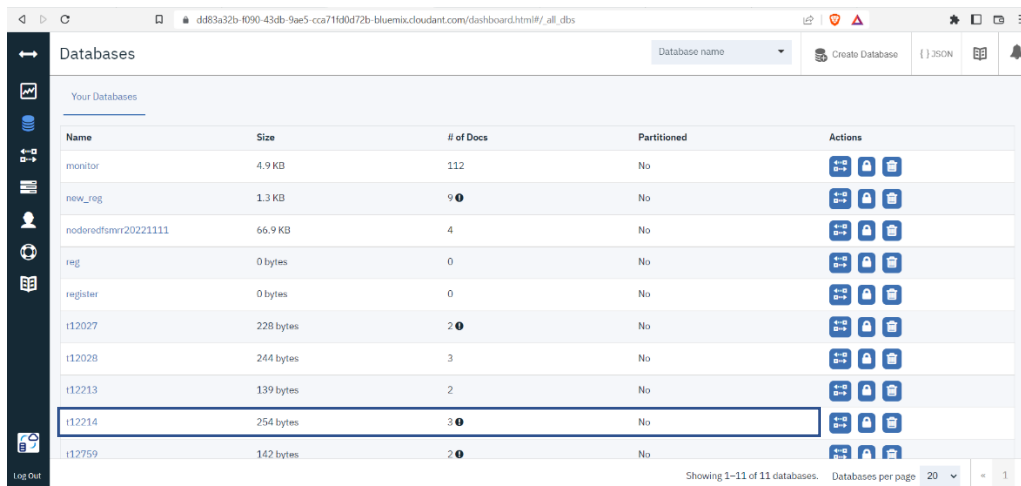
- The user receives QR code on successful ticket booked. An option to scan the QR code has been provided
- The ticket checker can use the normal camera in the mobile to retrieve the details in the QR and verify the ticket































Minor fix:

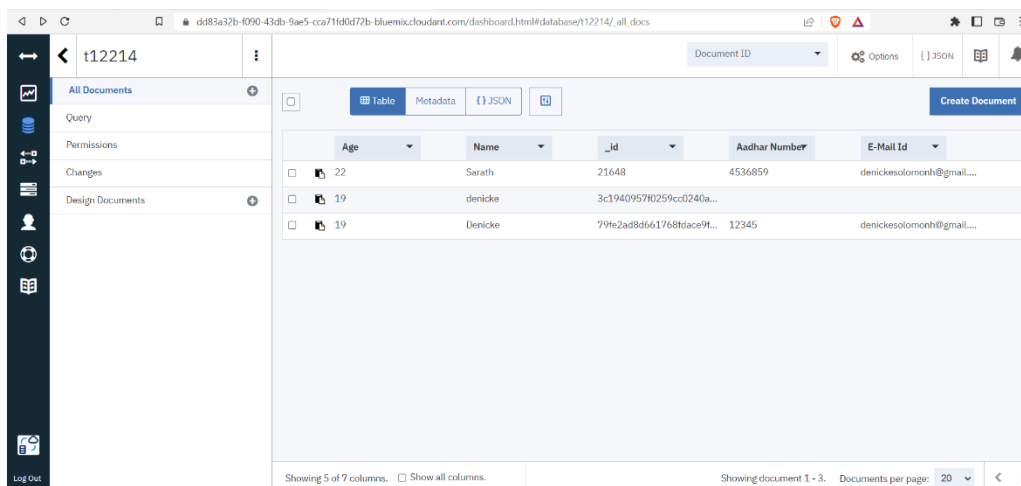
Total seat count increased from 5 to 50

### Test Case

#### Database before test:

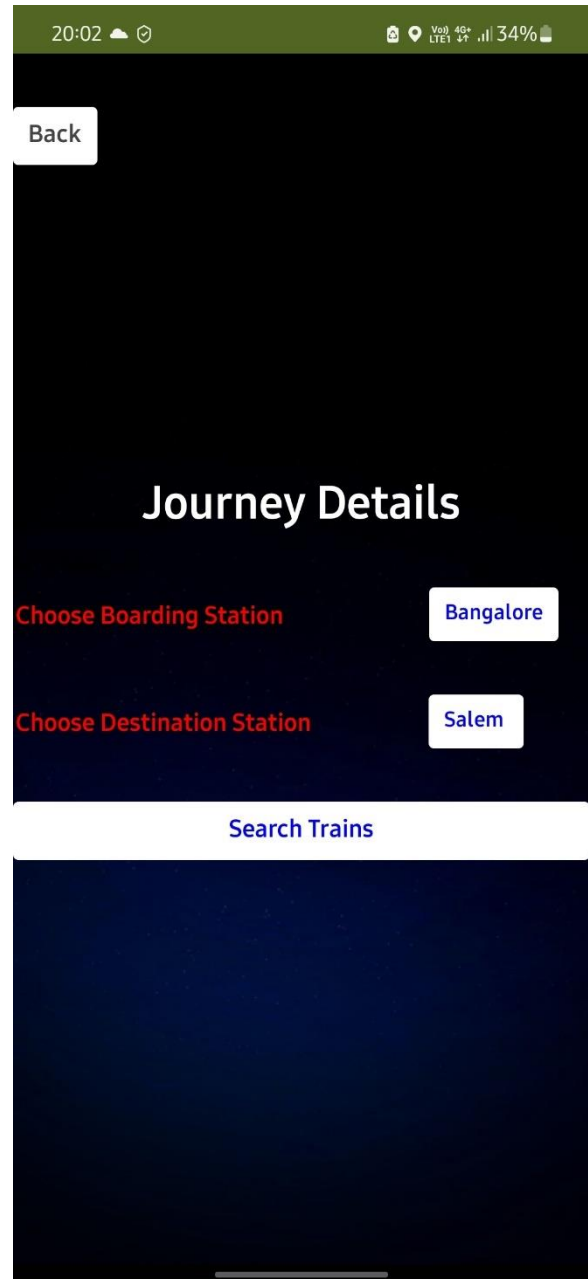
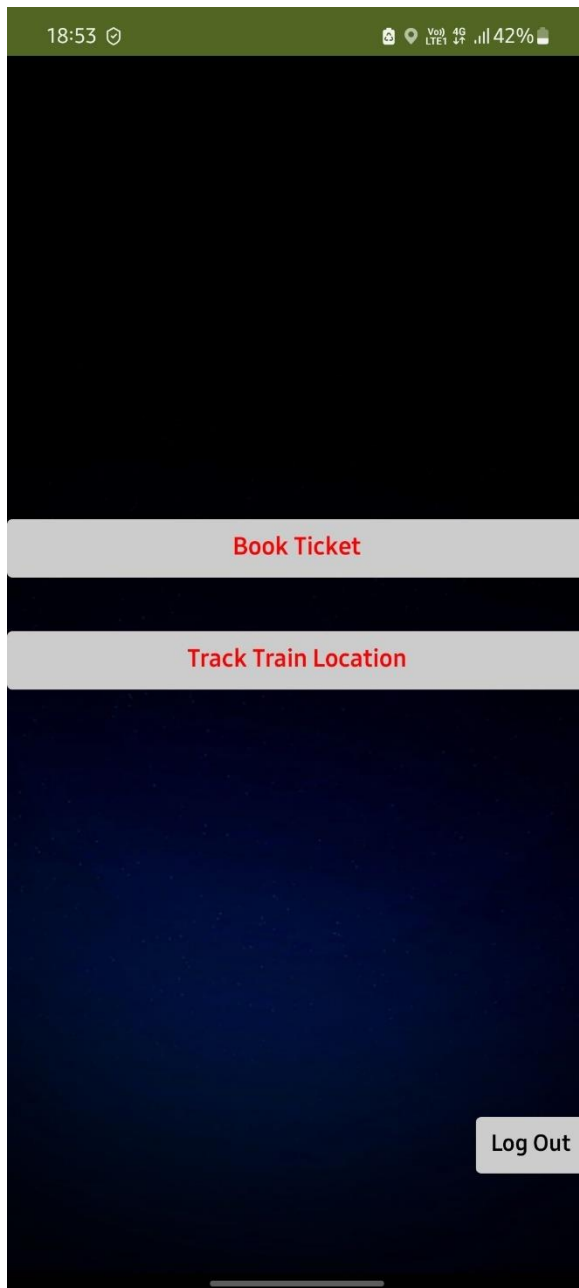


Name	Size	# of Docs	Partitioned	Actions
monitor	4.9 KB	112	No	  
new_reg	1.3 KB	9	No	  
nodoredfsmr20221111	66.9 KB	4	No	  
reg	0 bytes	0	No	  
register	0 bytes	0	No	  
t12027	228 bytes	2	No	  
t12028	244 bytes	3	No	  
t12213	139 bytes	2	No	  
t12214	254 bytes	3	No	  
t12759	142 bytes	2	No	  



Age	Name	_id	Aadhar Number	E-Mail Id
22	Sarath	21648	4536859	denickesolomesh@gmail...
19	denicke	3c1940957f0259cc0240a...		
19	Denicke	79fe2ad8d661768fdace9f...	12345	denickesolomesh@gmail...

User entering details and booking ticket:



## Passenger Enters details:

Trains from Bangalore to Salem

Train No: 12214      Seats Availability: 48

Book Ticket

Back      Home

Enter Passenger Details

Passenger Name      Abishek

Age      21

Gender      Male

Aadhar Number      362154978025

Back      Submit

Ticket Reviewing and the details displayed in QR code:

## Review

Train Number 12214

Ticket Id 19681

Passenger Name Abishek

Age 21 Gender Male

Aadhar Number 362154978025

Pay and Confirm

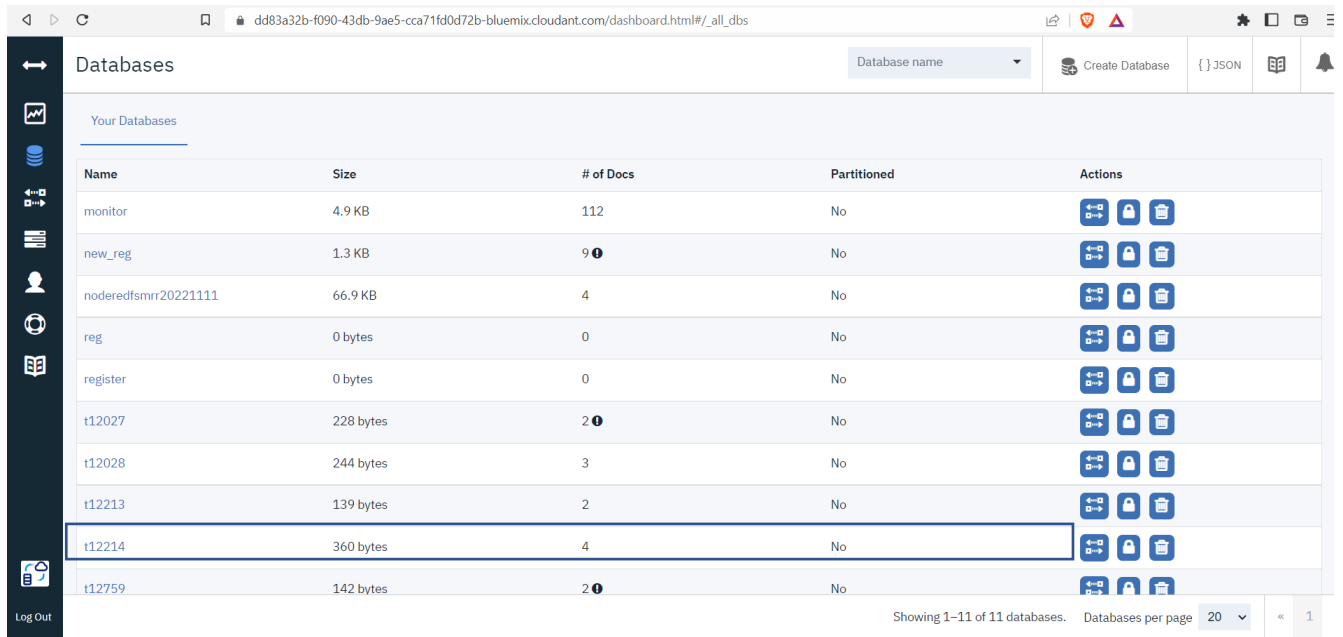
## QR Code































Save

Home

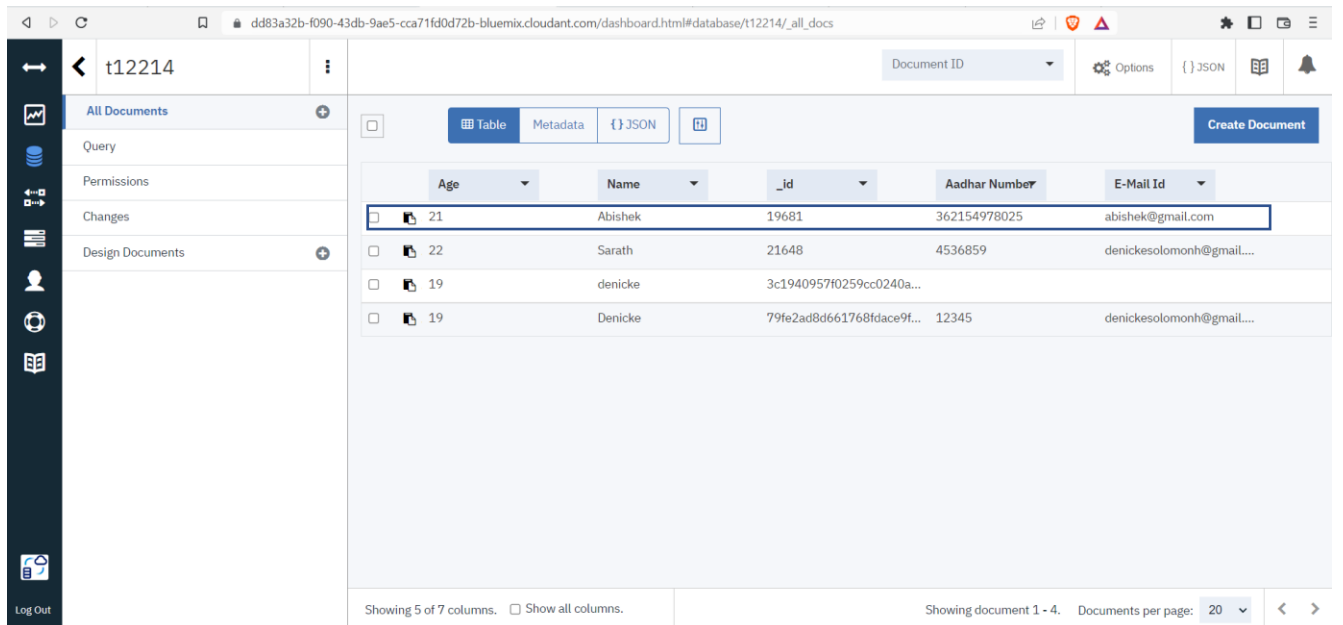
## Database updated after ticket reservation:



The screenshot shows the 'Databases' dashboard. A table lists 11 databases. The database 't12214' is highlighted with a blue border. The table has columns: Name, Size, # of Docs, Partitioned, and Actions.

Name	Size	# of Docs	Partitioned	Actions
monitor	4.9 KB	112	No	  
new_reg	1.3 KB	9	No	  
noderedfsmrr20221111	66.9 KB	4	No	  
reg	0 bytes	0	No	  
register	0 bytes	0	No	  
t12027	228 bytes	2	No	  
t12028	244 bytes	3	No	  
t12213	139 bytes	2	No	  
t12214	360 bytes	4	No	  
t12759	142 bytes	2	No	  

Showing 1-11 of 11 databases. Databases per page: 20

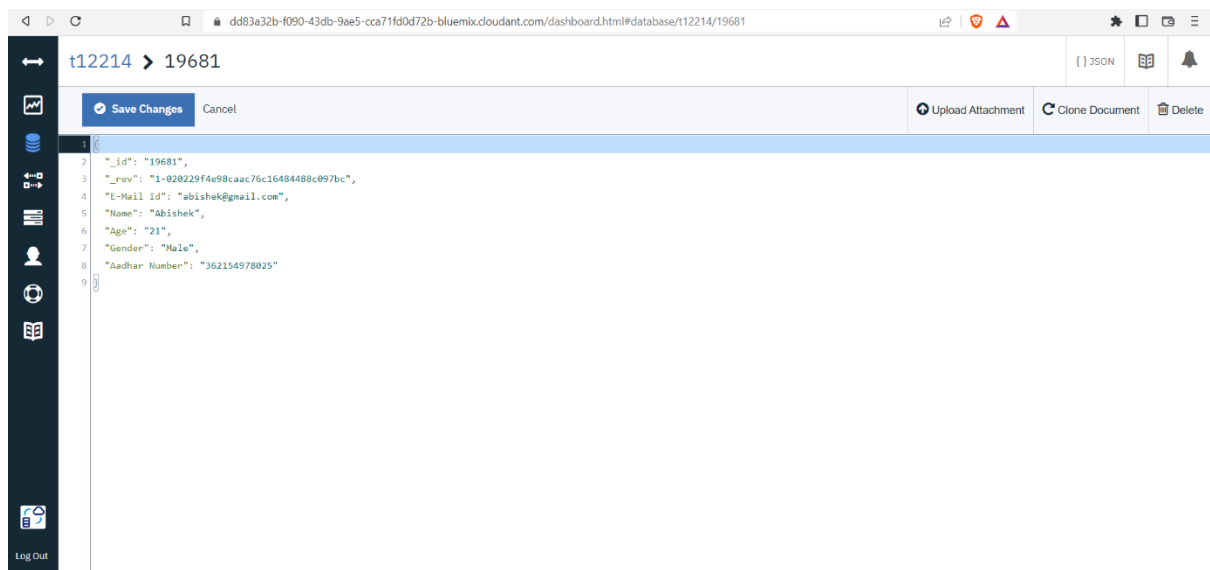


The screenshot shows the document view for database 't12214'. A table displays 4 documents. The first document is highlighted. The table has columns: Age, Name, \_id, Aadhar Number, and E-Mail Id.

Age	Name	_id	Aadhar Number	E-Mail Id
21	Abishek	19681	362154978025	abishek@gmail.com
22	Sarath	21648	4536859	denickesolomonh@gmail....
19	denicke	3c1940957f0259cc0240a...		
19	Denicke	79fe2ad8d661768fdace9f...	12345	denickesolomonh@gmail....

Showing 5 of 7 columns. Showing document 1 - 4. Documents per page: 20

## Created document containing the ticket details:



## Node red Outputs:

### When user login:



## Ticket details displayed:



## Ticket Verification:

