

Tukxi Ride - Bug #4798

Bug # 4792 (Resolved): Parallel Trip Location Update Strategy Using Firebase Realtime DB

IOS Rider:- Parallel Trip Location Update Strategy Using Firebase Realtime DB

04/30/2025 04:44 AM - Anupama P

Status:	QA Passed	Start date:	07/17/2025
Priority:	Normal	Due date:	07/17/2025
Assignee:	Jeevan C Paul	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.1.1	Spent time:	0.00 hour
Milestone:	Sprint 29 Tukxi Ride 2025 Apr 02 to June 27	Branch name:	sprint-29_anjali_4798
Description			
To enhance the reliability of real-time driver location tracking during trips, we are implementing a parallel location update mechanism that utilizes Firebase Realtime Database alongside the existing SocketCluster infrastructure. This approach ensures the rider app receives the most accurate and up-to-date location data, even if one channel fails temporarily.			
Related issues:			
Copied from Bug #4796: Android Rider:- Parallel Trip Location Update Strategy...		QA Passed	05/14/2025 05/14/2025

History

#1 - 04/30/2025 04:44 AM - Anupama P

- Copied from Bug #4796: Android Rider:- Parallel Trip Location Update Strategy Using Firebase Realtime DB added

#2 - 04/30/2025 04:46 AM - Anupama P

- File Location-update-with-Firebase-realtime-db.odt added

#3 - 05/15/2025 08:16 AM - Anupama P

- Assignee changed from Jeevan C Paul to Anjali M

#4 - 05/15/2025 08:21 AM - Anupama P

- Branch name set to sprint-29_anjali_4798

#5 - 05/19/2025 02:20 AM - Anjali M

- Due date set to 05/16/2025

- Start date changed from 04/30/2025 to 05/16/2025

#6 - 05/19/2025 02:20 AM - Anjali M

- Status changed from New to In Progress

#7 - 05/19/2025 02:21 AM - Anjali M

- Status changed from In Progress to Resolved

#8 - 05/21/2025 12:27 AM - Anupama P

- Status changed from Resolved to QA Ready

#9 - 05/21/2025 01:11 AM - Shalu T S

- Due date changed from 05/16/2025 to 05/21/2025

- Start date changed from 05/16/2025 to 05/21/2025

#10 - 05/21/2025 01:41 AM - Firosha Fathima

- Status changed from QA Ready to Reopened

IOS Rider:- Parallel Trip Location Update Strategy Using Firebase Realtime DB failed in falcon

Case 1: In the 'your location' field 'your location' is viewed as text instead of placeholder **failed**

Case 2: Once the driver accepts the trip request is not updating in real time **failed**

Note: In rider app, after the driver accepts the trip request, still it is trip requesting page

Case 3: when the driver status is 'Arrived', it is also not updating in the real time **failed**

Case 4: Driver pick up(line)movements is not updating in rider map **failed**

Case 5: Auto icon in the map screen is too small **failed**

#11 - 05/21/2025 03:55 AM - Jeevan C Paul

- Due date changed from 05/21/2025 to 05/23/2025

- Status changed from Reopened to In Progress

- Assignee changed from Anjali M to Jeevan C Paul

#12 - 05/26/2025 02:41 AM - Shalu T S

6. The pick up route line is not updating dynamically, the route is updated before or after the icon moves.

7. Driver moment is not showing in the rider app.

8. Dropoff line is showing in the MAP.

9. The driver pick-up (line) showing in red colour.

#13 - 05/26/2025 04:01 AM - Jeevan C Paul

- Status changed from In Progress to Resolved

#14 - 05/27/2025 04:19 AM - Anupama P

- Status changed from Resolved to QA Ready

#15 - 05/27/2025 04:22 AM - Jeevan C Paul

Case 1: In the 'your location' field 'your location' is viewed as text instead of placeholder **Fixed**

Case 2: Once the driver accepts the trip request is not updating in real time **Fixed**

Case 3: when the driver status is 'Arrived', it is also not updating in the real time **Fixed**

Case 4 :Driver pick up(line)movements is not updating in rider map **Fixed**

Case 5 :Auto icon in the map screen is too small **Fixed**

Case 6. The pick up route line is not updating dynamically, the route is updated before or after the icon moves. **Fixed**

Case 7. Driver moment is not showing in the rider app.*Fixed*

Case 8. Dropoff line is showing in the MAP. - Need clarification

#16 - 05/27/2025 07:02 AM - Shalu T S

- Due date changed from 05/23/2025 to 05/27/2025

- Status changed from QA Ready to QA In Progress

- Start date changed from 05/21/2025 to 05/27/2025

#17 - 05/27/2025 07:04 AM - Shalu T S

- Status changed from QA In Progress to Reopened

Fixed

Case 2: Once the driver accepts the trip request is not updating in real time **Fixed**

Case 3: when the driver status is 'Arrived', it is also not updating in the real time **Fixed**

Case 5 :Auto icon in the map screen is too small **Fixed**

Case 6. The pick up route line is not updating dynamically, the route is updated before or after the icon moves. **Issues still existing**

Reopen

Case 1 : In the 'your location' field 'your location' is viewed as text instead of placeholder **Issue still exists**

Case 4 : Driver pick up(line)movements is not updating in rider map **Not Timely updating the driver movements, some times the line is not removed properly**

Case 7 . Driver moment is not showing in the rider app. **Issue still existing**

Case 8. Dropoff line is showing in the MAP. - Need clarification

New Issue

Case 9. The route(line) is not showing in the rider app while the driver come for the pick-up.

Case 10. When we try to make the trip, the vehicle is only available after switching the vehicle type,

Case 11. Flickering issue in the rider map, the auto icon moves forward and backward while going for the pickup.

Case 12. Application crashes when the rider open the message screen.

case 13. The messages send from the rider app is not received to the driver, some other messages showing.

case 14. Rider app crashed when the driver send messages to the driver.

case 15. Vehicle is not showing in the first time requesting the trip, it only shows after switch the vehicle type.

case 16. Previously received messages are not showing in the rider app, after restart the app.

case 17. The message send from the driver app is not received to the rider.

case 18. Not able to call in between the driver and rider, The call not received to the driver when call from rider

#18 - 05/28/2025 03:36 AM - Jeevan C Paul

- Due date changed from 05/27/2025 to 05/30/2025

- Status changed from Reopened to In Progress

#19 - 06/03/2025 02:22 AM - Anupama P

- Due date changed from 05/30/2025 to 06/04/2025

#20 - 06/16/2025 03:41 AM - Anupama P

- Due date changed from 06/04/2025 to 06/18/2025

#21 - 06/18/2025 04:21 AM - Anjali M

- Status changed from In Progress to Resolved

#22 - 06/18/2025 05:35 AM - Shalu T S

- Status changed from Resolved to QA Ready

#23 - 06/18/2025 05:35 AM - Shalu T S

- Status changed from QA Ready to QA In Progress

#24 - 07/03/2025 01:04 AM - Shalu T S

- Status changed from QA In Progress to Reopened

#25 - 07/11/2025 02:13 AM - Jeevan C Paul

- Due date changed from 06/18/2025 to 07/11/2025

- Status changed from Reopened to In Progress

- Start date changed from 05/27/2025 to 07/11/2025

#26 - 07/11/2025 02:15 AM - Jeevan C Paul

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Case 1 : In the 'your location' field 'your location' is viewed as text instead of placeholder - **Fixed**

Case 4 : Driver pick up(line)movements is not updating in rider map Not Timely updating the driver movements, some times the line is not removed properly - **Fixed**

Case 7 . Driver moment is not showing in the rider app. - **Fixed**

Case 8. Dropoff line is showing in the MAP. - **Fixed**

Case 9. The route(line) is not showing in the rider app while the driver come for the pick-up. - **Fixed**

Case 10. When we try to make the trip, the vehicle is only available after switching the vehicle type - **Not reproduced**

Case 11. Flickering issue in the rider map, the auto icon moves forward and backward while going for the pickup. - **Fixed**

Case 12. Application crashes when the rider open the message screen. - **Fixed**

case 13. The messages send from the rider app is not received to the driver, some other messages showing. - **Fixed**

case 14. Rider app crashed when the driver send messages to the driver. - **Fixed**

case 15. Vehicle is not showing in the first time requesting the trip, it only shows after switch the vehicle type - **Not reproduced**

case 16. Previously received messages are not showing in the rider app, after restart the app. - **Not reproduced**

case 17. The message send from the driver app is not received to the rider. - **Fixed**

case 18. Not able to call in between the driver and rider, The call not received to the driver when call from rider - **Not reproduced**

#27 - 07/17/2025 12:47 AM - Anupama P

- Status changed from Resolved to QA Ready

#28 - 07/17/2025 05:48 AM - Shalu T S

- Due date changed from 07/11/2025 to 07/17/2025

- Status changed from QA Ready to QA In Progress

- Start date changed from 07/11/2025 to 07/17/2025

#29 - 07/17/2025 05:51 AM - Shalu T S

- Status changed from QA In Progress to QA Passed

The driver moment issue is fixed.

Files

Location-update-with-Firebase-realtime-db.odt	29.5 KB	04/30/2025	Anupama P
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