

## Tukxi Ride - Research #4948

### Assessment of Google Maps' capability to handle start, end, and waypoint data from a driver-side application.

06/26/2025 07:57 AM - Shalu T S

|   |   |                        |           |
|---|---|------------------------|-----------|
| <b>Status:</b>  | New   | <b>Start date:</b>     |           |
| <b>Priority:</b>  | Urgent                                      | <b>Due date:</b>       |           |
| <b>Assignee:</b>  | Sreedevi K S                                | <b>% Done:</b>         | 0%        |
| <b>Category:</b>  |   | <b>Estimated time:</b> | 0.00 hour |
| <b>Target version:</b>  | 1.1.1                                       | <b>Spent time:</b>     | 0.00 hour |
| <b>Milestone:</b>   | Sprint 29 Tukxi Ride 2025 Apr 02 to June 27 | <b>Branch name:</b>    |           |
| <b>Description</b>  |   |                        |           |
| Assessment of Google Maps' capability to handle start, end, and waypoint data from a driver-side application. |   |                        |           |

#### History

#1 - 06/30/2025 05:35 AM - Sreedevi K S

#### Passing way points to google map

```
try {
String origin = "your_origin_lat,your_origin_lon"; // Optional if user's current location is used
String destination = dest_lat + "," + dest_lon;

// Add your waypoints here (comma-separated if multiple)
String waypoints =
"10.0124456,76.3669415|10.0108987,76.3677397|10.0107678,76.3660515|10.017846,76.3503992|10.0150655,76.3360004|10.0152046,76.3356067
9999999";

// String waypoints = "10.026630, 76.337725|10.033785, 76.327434";

String url = "https://www.google.com/maps/dir/?api=1" +
"&destination=" + destination +
"&travelmode=driving" +
"&waypoints=" + waypoints;

(new StartActProcess(getActContext())).openURL(url, "com.google.android.apps.maps", "com.google.android.maps.MapActivity");
} catch (Exception e) {
Toast.makeText(getActContext(), generalFunc.retrieveLangLBI("Please install Google Maps in your device.", "LBL_INSTALL_GOOGLE_MAPS"),
Toast.LENGTH_LONG).show();
}
```