Scenarios For PMPL Based Application

Scenario's	User Action	System Response	Expected Outcome
1. Bus Search by Route Number	User enters "2A" as route number in search bar	System fetches and displays bus details for route 2A	Bus details for route 2A (Katraj - Shivaji Nagar) are displayed
2. View Full Schedule for a Bus	User selects the "Full Schedule" option for 2A	System shows all stops, timings, and fares for route 2A	User sees a detailed schedule for the chosen bus route
3. Track Current Bus Location	User selects "Track Bus" for a bus route	System provides real-time bus location on the map	User can see the live location of the bus
4. Favorite a Bus Route	User taps the " **Favorite** " button for 25A route	System marks route 25A as favorite	Route 25A is saved in the user's " **Favorite** " list
5. Find Bus Based on Current Location	User selects "Your Location" as source location	System fetches nearby bus stops and routes	User is presented with a list of available bus routes nearby
6. Forgot Password	User clicks "Forgot Password"	System sends a password reset link to the registered email	User receives an email to reset their password
7. Login with Social Account	User selects "Login with Google"	System redirects to Google login and verifies credentials	User is successfully logged in using their Google account

8. View Route Information	User enters "Route Info" for 25A	System displays stop-by-stop information for route 25A	User sees detailed information about the route, including stops
9. Admin Adds New Bus Route	Admin enters bus route name, number, fuel type	System saves the new route and bus details in the database	New bus route is added successfully and available to users
10. Report Driver Misconduct	User selects "Report Driver"	System prompts for driver and route details for reporting	User submits a report, and the system logs the complaint
11. Plan Journey Between Two Stops	User selects "Choose Source and Destination"	System suggests possible buses, timings, and fares	User sees multiple bus options for the journey
12. Find Lost Item	User selects "Find Lost Item"	System prompts for details of lost item and bus information	User submits lost item report, system records it for processing
13. View Recent Journeys	User taps on "Recents" to view past journeys	System shows a list of recent bus trips taken by the user	User can easily track previous journeys and bus routes
14. Reset Password	Admin enters registered email to reset password	System sends password reset link to admin's email	Admin resets password and logs back into the system
15. Admin Uploads Bus Timetable	Admin uploads timetable for a route in .csv	System processes and updates timetable for the selected route	New bus timetable is available for users