

# VEHICLE MANAGMENT

## 1 INTRODUCTION

### Overview

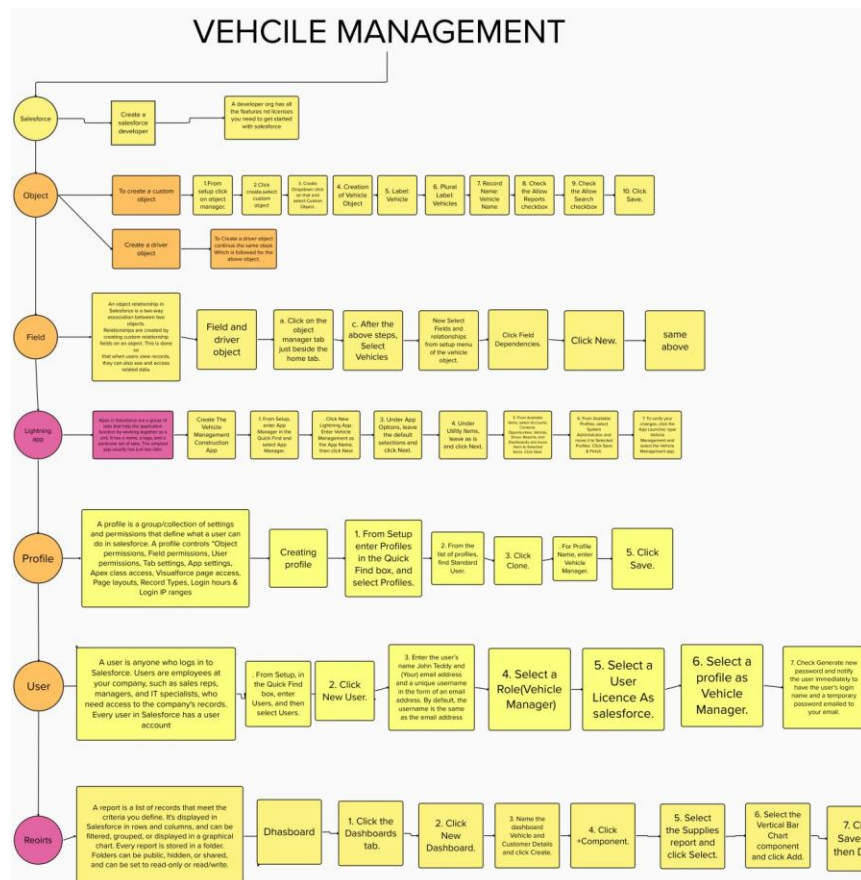
Fleet managers are expected to manage key areas of fleet operation such as vehicle, acquisition, regulatory, compliance, vehicle maintenance, and fuel management.

### Purpose

The purpose of fleet management is to track and manage the activities and conditions of vehicle, such as truck, car, and construction equipment, using digital means. This helps transportation businesses keep abreast of how their fleets perform while giving them ideas on how to optimize their usage.

## 2 Problem Definition & Design Thinking

### Empathy Map



## Ideation & Brainstorming Map

Template

## Retrospective

Use this framework to reflect on recent work. This simple structure is useful both alone and in groups.

Created in partnership with

### Reflect on the topic

Working silently and individually, have each person create a few sticky notes in all four quadrants below for about five minutes. With the remaining time, discuss notes in each quadrant.

The diagram illustrates a user journey and system components for 'VEHICLE MANAGEMENT'. It is structured as follows:

- TOPIC: VEHICLE MANAGEMENT** (Central box at the top)
- Profile** (Central box on the left)
- Object** (Central box on the right)
- Users** (Box on the left, connected to Profile)
- Subsystem** (Box on the right, connected to Object)
- Flowchart Details:**
  - Left Side (Profile/Users):**
    - 1. Click "New"** (Green box)
    - 2. Click "Save"** (Green box)
    - 3. Click "Cancel"** (Green box)
    - 4. Click "OK"** (Green box)
    - 5. Click "Cancel"** (Green box)
    - 6. Click "OK"** (Green box)
    - 7. Click "Cancel"** (Green box)
    - 8. Click "OK"** (Green box)
    - 9. Click "Cancel"** (Green box)
    - 10. Click "OK"** (Green box)
    - 11. Click "Cancel"** (Green box)
    - 12. Click "OK"** (Green box)
    - 13. Click "Cancel"** (Green box)
    - 14. Click "OK"** (Green box)
    - 15. Click "Cancel"** (Green box)
    - 16. Click "OK"** (Green box)
    - 17. Click "Cancel"** (Green box)
    - 18. Click "OK"** (Green box)
    - 19. Click "Cancel"** (Green box)
    - 20. Click "OK"** (Green box)
    - 21. Click "Cancel"** (Green box)
    - 22. Click "OK"** (Green box)
    - 23. Click "Cancel"** (Green box)
    - 24. Click "OK"** (Green box)
    - 25. Click "Cancel"** (Green box)
    - 26. Click "OK"** (Green box)
    - 27. Click "Cancel"** (Green box)
    - 28. Click "OK"** (Green box)
    - 29. Click "Cancel"** (Green box)
    - 30. Click "OK"** (Green box)
    - 31. Click "Cancel"** (Green box)
    - 32. Click "OK"** (Green box)
    - 33. Click "Cancel"** (Green box)
    - 34. Click "OK"** (Green box)
    - 35. Click "Cancel"** (Green box)
    - 36. Click "OK"** (Green box)
    - 37. Click "Cancel"** (Green box)
    - 38. Click "OK"** (Green box)
    - 39. Click "Cancel"** (Green box)
    - 40. Click "OK"** (Green box)
    - 41. Click "Cancel"** (Green box)
    - 42. Click "OK"** (Green box)
    - 43. Click "Cancel"** (Green box)
    - 44. Click "OK"** (Green box)
    - 45. Click "Cancel"** (Green box)
    - 46. Click "OK"** (Green box)
    - 47. Click "Cancel"** (Green box)
    - 48. Click "OK"** (Green box)
    - 49. Click "Cancel"** (Green box)
    - 50. Click "OK"** (Green box)
    - 51. Click "Cancel"** (Green box)
    - 52. Click "OK"** (Green box)
    - 53. Click "Cancel"** (Green box)
    - 54. Click "OK"** (Green box)
    - 55. Click "Cancel"** (Green box)
    - 56. Click "OK"** (Green box)
    - 57. Click "Cancel"** (Green box)
    - 58. Click "OK"** (Green box)
    - 59. Click "Cancel"** (Green box)
    - 60. Click "OK"** (Green box)
    - 61. Click "Cancel"** (Green box)
    - 62. Click "OK"** (Green box)
    - 63. Click "Cancel"** (Green box)
    - 64. Click "OK"** (Green box)
    - 65. Click "Cancel"** (Green box)
    - 66. Click "OK"** (Green box)
    - 67. Click "Cancel"** (Green box)
    - 68. Click "OK"** (Green box)
    - 69. Click "Cancel"** (Green box)
    - 70. Click "OK"** (Green box)
    - 71. Click "Cancel"** (Green box)
    - 72. Click "OK"** (Green box)
    - 73. Click "Cancel"** (Green box)
    - 74. Click "OK"** (Green box)
    - 75. Click "Cancel"** (Green box)
    - 76. Click "OK"** (Green box)
    - 77. Click "Cancel"** (Green box)
    - 78. Click "OK"** (Green box)
    - 79. Click "Cancel"** (Green box)
    - 80. Click "OK"** (Green box)
    - 81. Click "Cancel"** (Green box)
    - 82. Click "OK"** (Green box)
    - 83. Click "Cancel"** (Green box)
    - 84. Click "OK"** (Green box)
    - 85. Click "Cancel"** (Green box)
    - 86. Click "OK"** (Green box)
    - 87. Click "Cancel"** (Green box)
    - 88. Click "OK"** (Green box)
    - 89. Click "Cancel"** (Green box)
    - 90. Click "OK"** (Green box)
    - 91. Click "Cancel"** (Green box)
    - 92. Click "OK"** (Green box)
    - 93. Click "Cancel"** (Green box)
    - 94. Click "OK"** (Green box)
    - 95. Click "Cancel"** (Green box)
    - 96. Click "OK"** (Green box)
    - 97. Click "Cancel"** (Green box)
    - 98. Click "OK"** (Green box)
    - 99. Click "Cancel"** (Green box)
    - 100. Click "OK"** (Green box)
    - 101. Click "Cancel"** (Green box)
    - 102. Click "OK"** (Green box)
    - 103. Click "Cancel"** (Green box)
    - 104. Click "OK"** (Green box)
    - 105. Click "Cancel"** (Green box)
    - 106. Click "OK"** (Green box)
    - 107. Click "Cancel"** (Green box)
    - 108. Click "OK"** (Green box)
    - 109. Click "Cancel"** (Green box)
    - 110. Click "OK"** (Green box)
    - 111. Click "Cancel"** (Green box)
    - 112. Click "OK"** (Green box)
    - 113. Click "Cancel"** (Green box)
    - 114. Click "OK"** (Green box)
    - 115. Click "Cancel"** (Green box)
    - 116. Click "OK"** (Green box)
    - 117. Click "Cancel"** (Green box)
    - 118. Click "OK"** (Green box)
    - 119. Click "Cancel"** (Green box)
    - 120. Click "OK"** (Green box)
    - 121. Click "Cancel"** (Green box)
    - 122. Click "OK"** (Green box)
    - 123. Click "Cancel"** (Green box)
    - 124. Click "OK"** (Green box)
    - 125. Click "Cancel"** (Green box)
    - 126. Click "OK"** (Green box)
    - 127. Click "Cancel"** (Green box)
    - 128. Click "OK"** (Green box)
    - 129. Click "Cancel"** (Green box)
    - 130. Click "OK"** (Green box)
    - 131. Click "Cancel"** (Green box)
    - 132. Click "OK"** (Green box)
    - 133. Click "Cancel"** (Green box)
    - 134. Click "OK"** (Green box)
    - 135. Click "Cancel"** (Green box)
    - 136. Click "OK"** (Green box)
    - 137. Click "Cancel"** (Green box)
    - 138. Click "OK"** (Green box)
    - 139. Click "Cancel"** (Green box)
    - 140. Click "OK"** (Green box)
    - 141. Click "Cancel"** (Green box)
    - 142. Click "OK"** (Green box)
    - 143. Click "Cancel"** (Green box)
    - 144. Click "OK"** (Green box)
    - 145. Click "Cancel"** (Green box)
    - 146. Click "OK"** (Green box)
    - 147. Click "Cancel"** (Green box)
    - 148. Click "OK"** (Green box)
    - 149. Click "Cancel"** (Green box)
    - 150. Click "OK"** (Green box)
    - 151. Click "Cancel"** (Green box)
    - 152. Click "OK"** (Green box)
    - 153. Click "Cancel"** (Green box)
    - 154. Click "OK"** (Green box)
    - 155. Click "Cancel"** (Green box)
    - 156. Click "OK"** (Green box)
    - 157. Click "Cancel"** (Green box)
    - 158. Click "OK"** (Green box)
    - 159. Click "Cancel"** (Green box)
    - 160. Click "OK"** (Green box)
    - 161. Click "Cancel"** (Green box)
    - 162. Click "OK"** (Green box)
    - 163. Click "Cancel"** (Green box)
    - 164. Click "OK"** (Green box)
    - 165. Click "Cancel"** (Green box)
    - 166. Click "OK"** (Green box)
    - 167. Click "Cancel"** (Green box)
    - 168. Click "OK"** (Green box)
    - 169. Click "Cancel"** (Green box)
    - 170. Click "OK"** (Green box)
    - 171. Click "Cancel"**

### 3 RESULT

### Data Model:

Object name	Fields in the Object
-------------	----------------------

# VEHCILE MANAGMENET

Vehicle	Field label	Data type
	Pradeepkumar	User
	Vehicle management	Profile
Driver	Field label	Data type
	App launcher	Custom tab
	2wheeler	Custom field definition

## Activity & Screenshot

The screenshot shows the Salesforce Setup interface. On the left, there's a navigation menu with options like 'Setup Home', 'Service Setup Assistant', 'Multi-Factor Authentication Assistant', 'Release Updates', 'Lightning Experience Transition Assistant', 'Salesforce Mobile App', 'Lightning Usage', 'Optimizer', 'ADMINISTRATION', 'Users', 'Data', and 'Email'. The main area displays 'Most Recently Used' items. The first item is 'vehicle', which is a 'Custom Object Definition'. Other items include 'john teddy' (User), 'pradeep kumar' (User), 'vehicle manager' (Profile), 'appexchange default' (Custom App), 'Insights' (Custom App), 'AppLauncher' (Custom App), 'Work' (Custom App), and 'vehicle managements UtilityBar' (Lightning Page).

### 4 Trailhead Profile Public URL

Team Lead –

<https://trailblazer.me/id/pkumar47>

[81](#)

Team Member 1 –

<https://trailblazer.me/id/pkumar4781>

### 5 Team Member 2 -

<https://trailblazer.me/id/pkumar4781>

### 6 Team member 3-

<https://trailblazer.me/id/pkumar47>

81

# VEHICLE MANAGEMENET

## 1 ADVANTAGES & DISADVANTAGE

### ADVANTAGES

- Improve fleet safety and working conditions
- Improve behavior and performance of driver and fleet unsafe driving
- Schedule shift and work hours
- Leverage driver retention
- Track vehicles ,assets or professional equipment(even trailers and containers)

### DISADVANTAGE

- As shown vehicle obtains its location informaotion using its GPS receiving device with the help of GPS
- The API is used to store data room vehicles using HTTP or MQTT protocols over internet to the servers.
- The fleet management software application or website can be used on various computing devices such as mobile phones, tablets, desktops or laptops.

## 2 APPLICATIONS

- Vehicle procurement and inventory
- Vehicle insurance
- Vehicle rental
- Vehicle use

## 3 CONCLUSION

**Vehicle Management System** Report contains the following points : Introduction of **Vehicle Management System**; Abstract of **Vehicle Management System**.

## 4 FUTURE SCOPE

Digitise end to end logistics and fleet operations to improve efficiency, safety and reduce cost.