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1. **Introduction:**

This document contains the customer requirement specifications for the wired car. These requirements have been derived from several sources, including a description of the car body and how the push buttons will control it.

1. **General Description:**

A friendly toy car for children between the age of 5 and 12. The project consists of one main part, the car body that is provided with push buttons that control its movement. The car supports moving in all four directions, and has front and rear lights, providing an enjoyable experience for the child.

1. **Car Body Specifications:**

This section gives a detailed description of the car drive modes, lights and buzzer which are all controlled using a total of seven buttons.

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| **ID** | **Name** | **Description** |
| **CBREQ1** | Motors | 2 rear motors to control the car motion |
| **CBREQ2** | Drive Modes | 4 directions controlled by push buttons in the mobile app.  The car should stop first then change direction, then move again |
| **CBREQ3** | Button Enabled Light | - Headlights and Tail Lights are controlled by a push button |
| **CBREQ4** | Button Enabled Buzzer | - Buzzer enabled by push button every time it’s pressed, the buzzer goes out |
| **CBREQ5** | On/Off Button | - button to turn the car on and off |