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| **Name:** Change perspective of car | **ID:** 1 |
| **Stakeholders and Goals:** User – to view different parts of the car | |
| **Description:** A user wants to view different parts of the car | |
| **Actors:** User | |
| **Trigger:** User runs the application and wishes to view different parts of the car. | |
| **Normal Flow:**   1. User reaches the main page of the system and clicks on the “Infographics” button. Upon clicking on Infographics, the user will be brought to the infographics page where the user will be able to view the picture of the front part of the car (the default view) and the different components of the front of the car surrounding the picture of the front view of the car. 2. To change to a different perspective (i.e to see a different part of a car), the user will then click on an arrow button which will be located above the description box, either to the left or to the right. 3. Step 2 is repeated if the user wishes to see another perspective of the car. 4. End | |
| **Sub-Flows:** None | |
| **Alternative/Exceptional Flows:** None | |

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| **Name:** Obtain more information on part | **ID:** 2 |
| **Stakeholders and Goals:** User – to get more information on a component | |
| **Description:** A user wants to know more about a specific component of the car | |
| **Actors:** User | |
| **Trigger:** User runs the application and wants to know more about a specific part of the car | |
| **Normal Flow:**   1. User reaches the main page of the system and clicks on the “Infographics” button. Upon clicking on Infographics, the user will be brought to the infographics page where the user will be able to view the picture of the front part of the car (the default view) and the different components of the front of the car surrounding the picture of the front view of the car. 2. To obtain more information on a particular component, the user clicks on the name of the component and the description of the component will be displayed on the description box. 3. Step 2 is repeated if the user wishes to see another component of the car. 4. End | |
| **Sub-Flows:** None | |
| **Alternative/Exceptional Flows:**  2a. The user is also able to click on a component on the image itself, the component will be highlighted, and the description for the component selected will then be displayed on the description box. | |

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| **Name:** View videos | **ID:** 3 |
| **Stakeholders and Goals:** User – to view videos on a component | |
| **Description:** A user wants to gain more information on a component by viewing a video prepared by the developers (Video will be linked to Youtube). | |
| **Actors:** User | |
| **Trigger:** User runs the application and wishes to view a video on a component of the car | |
| **Normal Flow:**   1. User reaches the main page of the system and clicks on the “Infographics” button. Upon clicking on Infographics, the user will be brought to the infographics page where the user will be able to view the picture of the front part of the car (the default view) and the different components of the front of the car surrounding the picture of the front view of the car. 2. The user clicks on a component of the car and the description box will be updated with the description of the car. 3. At the end of the description, there will be a link to a video on YouTube which will explain more about the specific component of the car. Upon clicking the link, the user will be prompted if he wishes to open the link on his default browser. 4. If the user clicks “Yes”, the prompt window closes and the default browser of the user will open and the video will play. If the user clicks “No”, the prompt window will close and will bring the user back to the application. 5. Steps 2 to 4 are repeated if the user wishes to see another video on another component of the car. 6. End | |
| **Sub-Flows:** None | |
| **Alternative/Exceptional Flows:** None | |

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| **Name:** View difference among different automobile layout | **ID:** 4 |
| **Stakeholders and Goals:** User – to view the difference among different automobile layout | |
| **Description:** A user wants to understand the difference between four wheel drive, rear wheel drive and front wheel drive | |
| **Actors:** User | |
| **Trigger:** User runs the application and wishes to view difference among different automobile layout | |
| **Normal Flow:**   1. User reaches the main page of the system and clicks on the “Simulation” button. Upon clicking on Infographics, the user will be brought to the simulation page where the user will be able to view a list of simulations which allows the user to understand how different components of a car come together and work together to execute a particular process. 2. The user clicks on “View difference among different automobile layout”. The user will be then see different components on the screen which consists of the Engine, Axle and Wheels. There will also be 3 buttons available for the user to click which is “4 wheel drive”, “Front wheel drive (2 wheel drive)” and “Rear wheel drive (2 wheel drive). 3. The user clicks one of the buttons, “4 Wheel drive”, “Front wheel drive (2 wheel drive)” and “Rear wheel drive (2 wheel drive). 4. If the user clicks on “4 wheel drive”, the user will be able to see flows coming out from the engine and moving towards both the front axle and the back axle. If the user clicks on “Front wheel drive (2 wheel drive)” the user will be able to see flows coming out from the engine only towards the front axle. If the user clicks on “Rear wheel drive (2 wheel drive)”, the user will be able to see flows coming out from the engine only towards the back axle. 5. Steps 3 and 4 are repeated if the user wishes to view a different automobile layout. 6. End | |
| **Sub-Flows:** None | |
| **Alternative/Exceptional Flows:** None | |

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| **Name:** Take a quiz | **ID:** ????? |
| **Stakeholders and Goals:** User – to take a quiz | |
| **Description:** A user wants to take a quiz to test his/her understanding on car processes and components | |
| **Actors:** User | |
| **Trigger:** User runs the application and wishes to take a quiz | |
| **Normal Flow:**   1. User reaches the main page of the system and clicks on the “Quiz” button. Upon clicking the quiz button, the user will be brought into the quiz page. 2. The user will be prompted to choose the difficulty of the quiz he wishes to work on. 3. Upon selecting the difficulty, a progress bar will appear on the screen to show that the system is preparing the questions to be asked for the quiz. The quiz will then start after the loading is complete. A timer will start. 4. The user will then answer the questions by clicking on the answer the user thinks that it is correct. 5. The user then clicks on the “Submit” button to confirm the answer he/she has selected. 6. The system will prompt the user for confirmation of the submission 7. The user enters his/her confirmation to submit the answer for the question. 8. The steps 4 to 6 is repeated until all the questions has been answered. 9. At the end of the quiz, the results of the quiz will be displayed to the user and the user will be able to review the questions that he/she has answered correctly or wrongly. 10. End | |
| **Sub-Flows:** None | |
| **Alternative/Exceptional Flows:** None | |