



**LAKBAY: A THREE-DIMENSIONAL GAME ABOUT DRIVING
FUNDAMENTALS AND ROAD COURTESY AND SAFETY OF GEAR-1
DRIVING SCHOOL**

(User Manual)

LAKBAY: A THREE-DIMENSIONAL GAME ABOUT DRIVING FUNDAMENTALS AND ROAD COURTESY AND SAFETY OF GEAR-1 DRIVING SCHOOL

What is Lakbay?

Lakbay: A Three-dimensional game application about driving fundamentals and road courtesy and safety is an android application that would provide a reliable and useful medium for drivers and aspiring ones to learn driving and etiquette on the road. The software produced aims to provide a convenient platform that will help the user to learn about driving while playing at the same time. It has a user-friendly interface and different modules that will assist the user in better playability and learning. This application aims to be an aid of learning for Gear-1 Driving School students by providing reliable lessons.

Purpose of the Application

The development of An Android Application with regards to Driving Fundamentals and Road Courtesy and Safety is to disseminate information with regards to driving in an educating and entertaining manner. It is a convenient platform for users to gain knowledge through the game. Also, it could raise awareness about proper driving and can help the user learn knowledge about the basics of driving including rules and regulations on the road. The application provides four modules: Game Module, Settings Module, Information Module, and Video Module.



Figure 1. Main Menu of Lakbay

The Main Menu is the first thing that the user sees after opening the application. It includes buttons such as the Play, Settings, Help, About, and Knowledge Explorer.

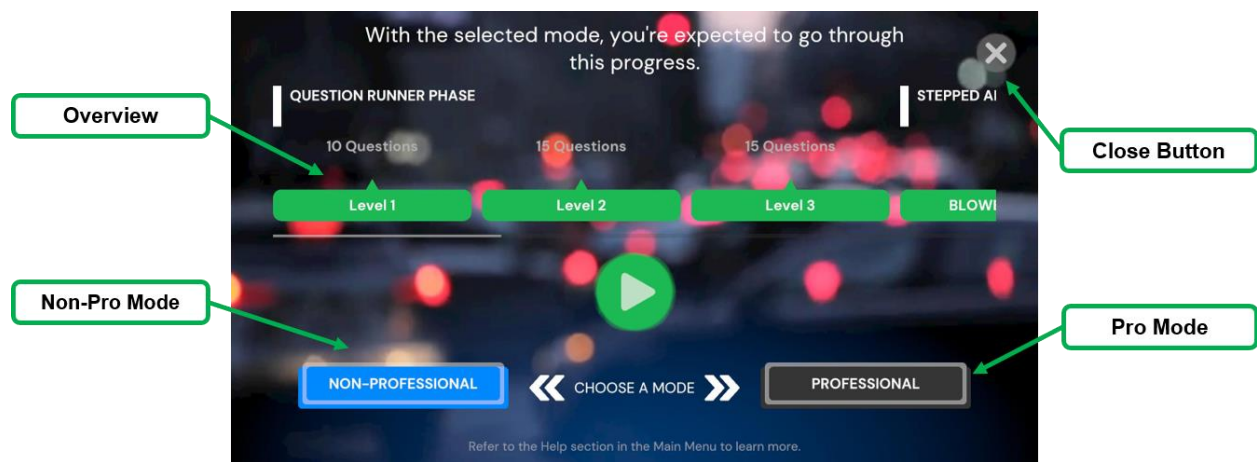


Figure 2. Play Section of Lakbay

This is the Play Panel Form. It includes the two modes of the game: Non-Professional and Professional as well as the Overview of the playthrough of the game.

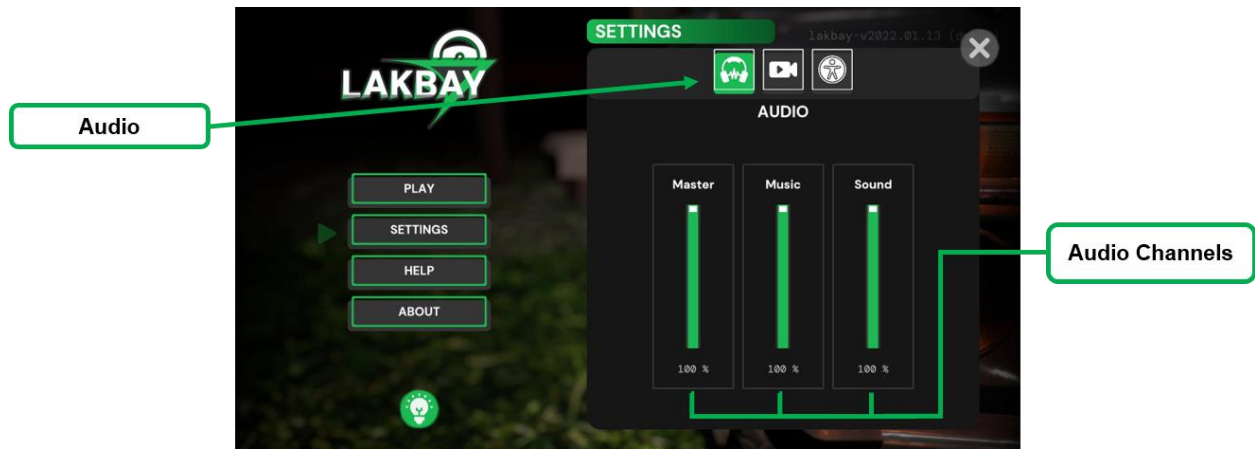


Figure 3. Settings Section of Lakbay showing the Audio Category

It contains controls that allow the user to alter the volume of the game. It consists of three channels: Master, Music, and Sound volume.



Figure 4. Settings Section of Lakbay showing the Video Category

It contains two options that are related to the viewing and graphic performance of the game: Video Quality and Auto-Rotation.

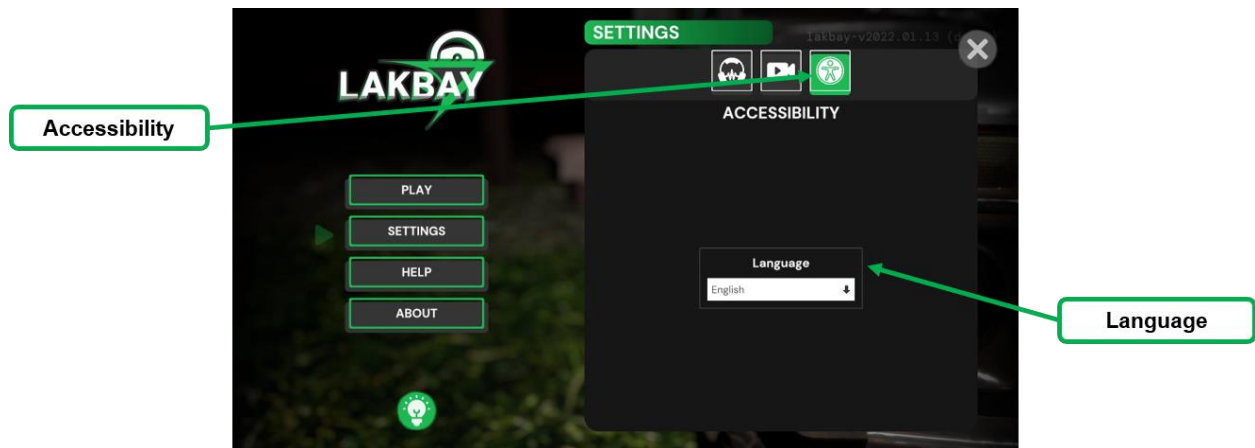


Figure 5. Settings Section of Lakbay showing the Accessibility Category

The Accessibility section allows the user to choose between English (default) and Filipino language.

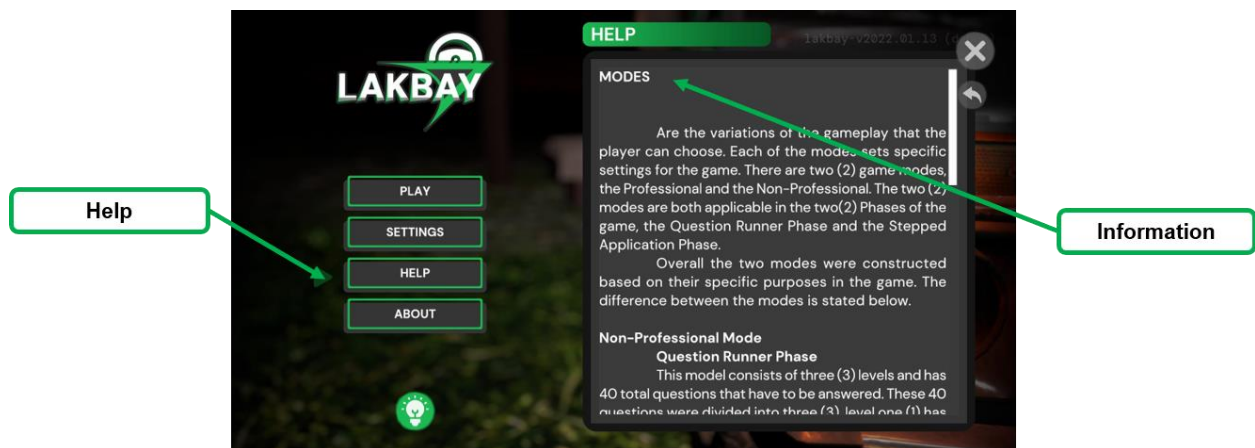


Figure 6. Help Section of Lakbay

This section shows the information on the specific modes of the gameplay as well as the missions in the game.



Figure 7. About Section of Lakbay regarding the Game

This is the Developers Form. It contains the credential information of the game such as the logo and title of the game as well as the names of the developers.



Figure 8. About Section of Lakbay regarding Acknowledgement

This is the Acknowledgement Form. It contains a message of gratitude towards specific people and organizations that help in the building of the application.

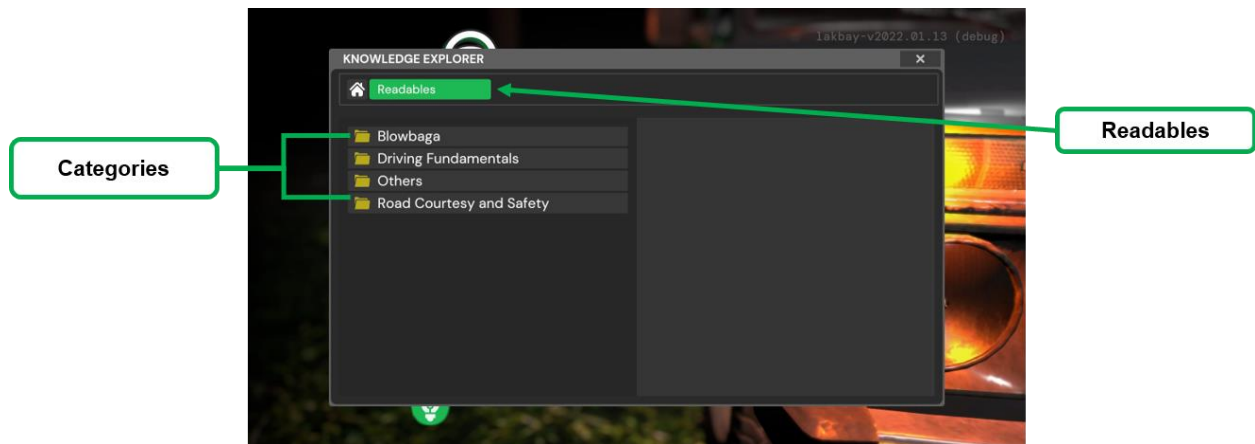


Figure 9. Readables

These are Informative materials that are available offline. It contains four categories: Driving Fundamentals, Road Courtesy and Safety, BLOWBAGETS, and Others.

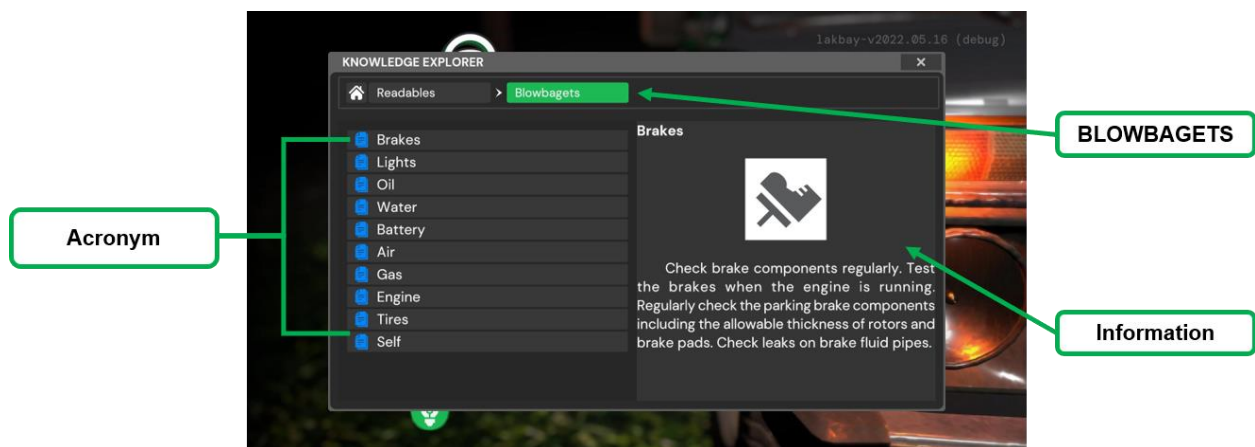


Figure 10. Readables - BLOWBAGETS

This section includes information about the acronym BLOWBAGETS: If the acronym letter was clicked, the user can view the information about the clicked letter.

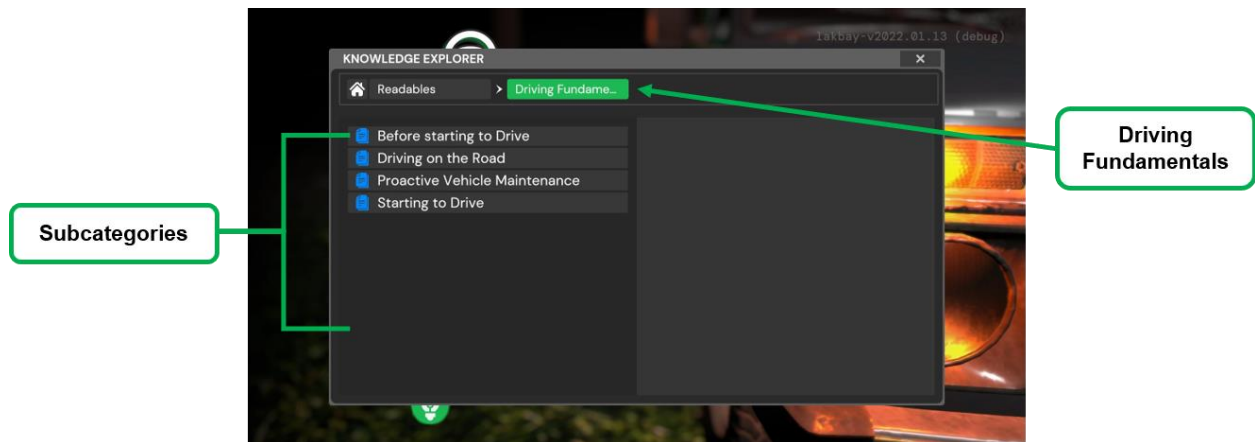


Figure 11. Readables - Driving Fundamentals

It shows the Driving Fundamentals category of Readables, it includes four subcategories. These lessons are related to the basics of driving.

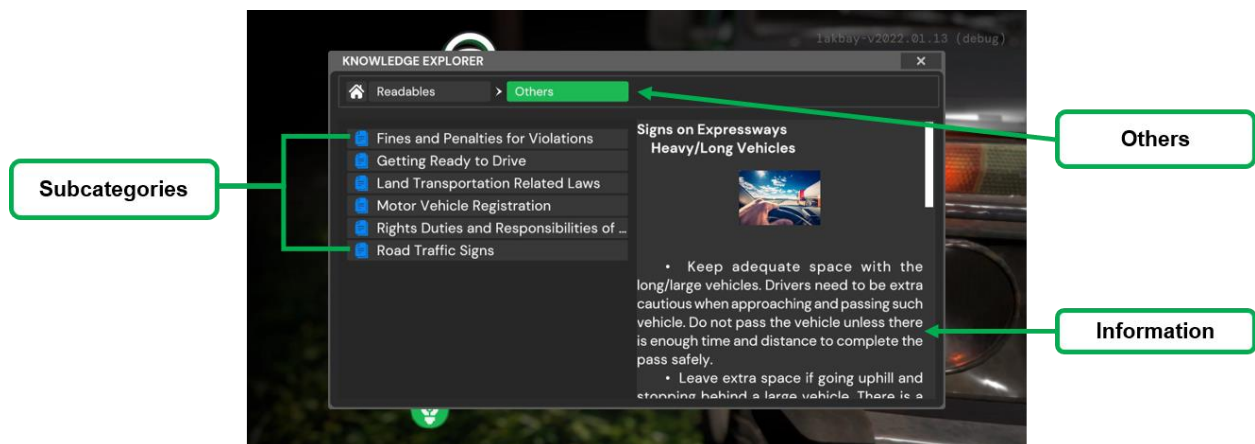


Figure 12. Readables - Others Category

It shows the Others category of Readables and includes six subcategories. Clicked the thumbnail and it will show information about the respective subcategories.

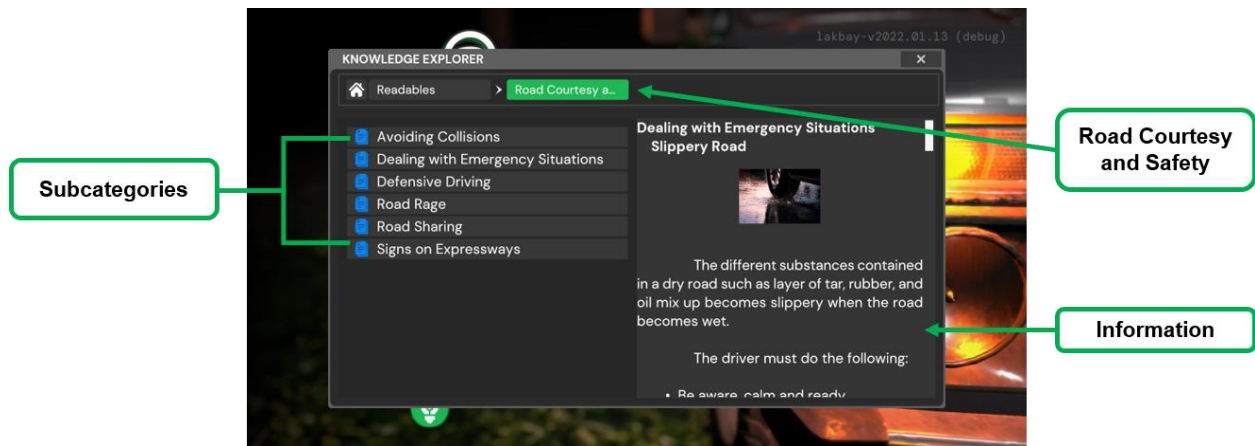


Figure 13. Readables - Road Courtesy and Safety

It shows the Road Courtesy and Safety category of Readables and includes six subcategories. Clicked the thumbnail and it will show information about the respective subcategories.

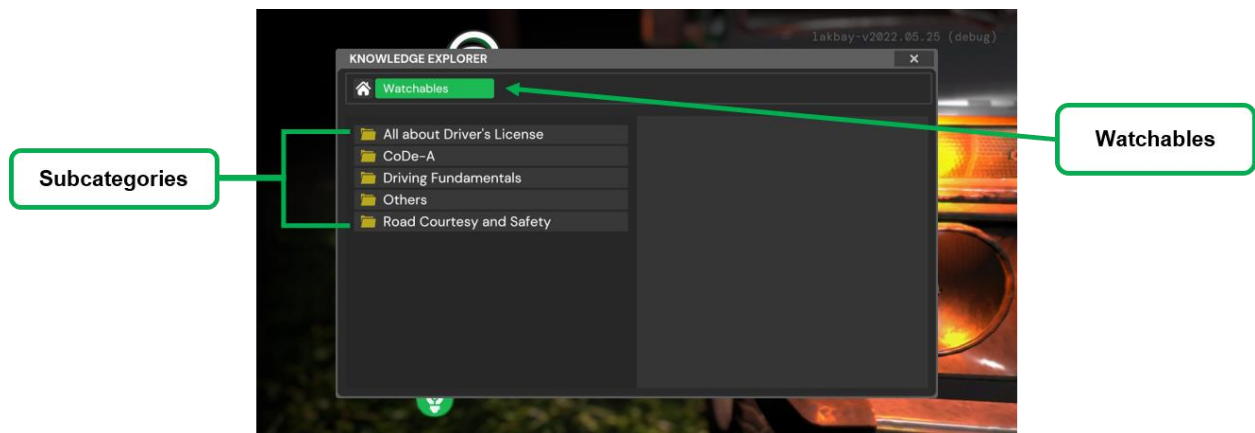


Figure 14. Watchables

It shows the Menu for Watchables that contains four categories of watchable videos. Internet Connection is required for the availability of the videos.

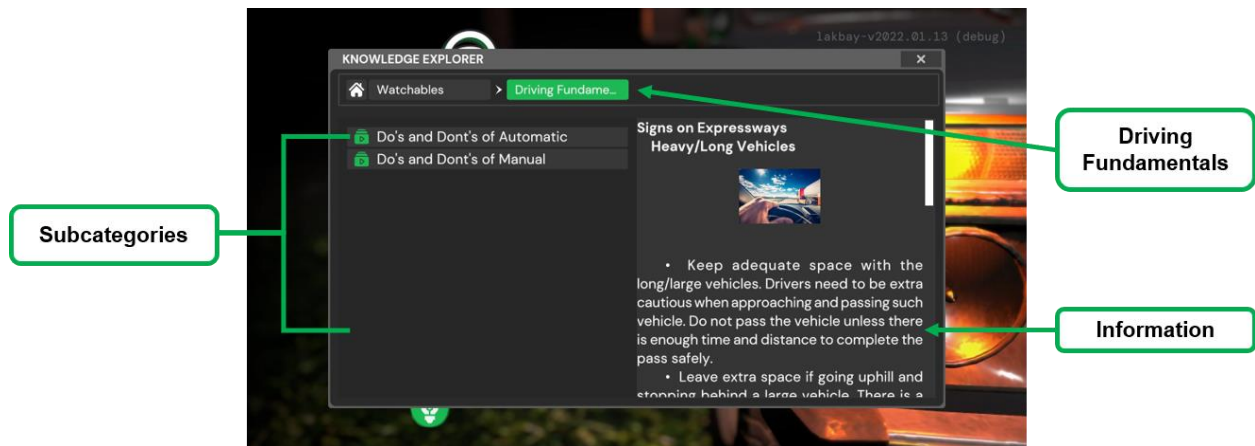


Figure 15. Watchables - Driving Fundamentals

This shows the first category of Watchables content, it includes two videos about the basics of driving in the automatic and manual transmission of a car.

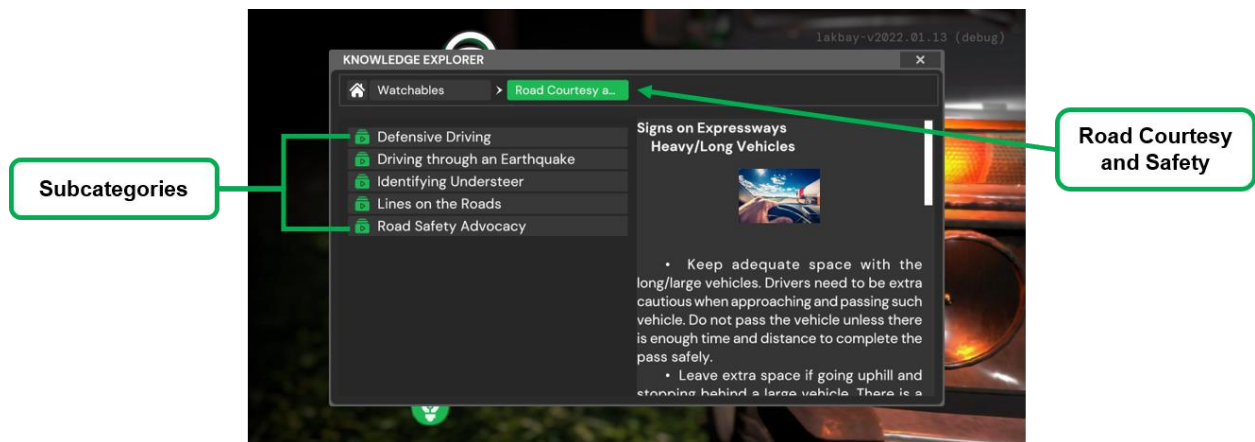


Figure 16. Watchables - Road Courtesy and Safety

This shows the second category of Watchables content, it contains five videos under Road Courtesy and Safety.

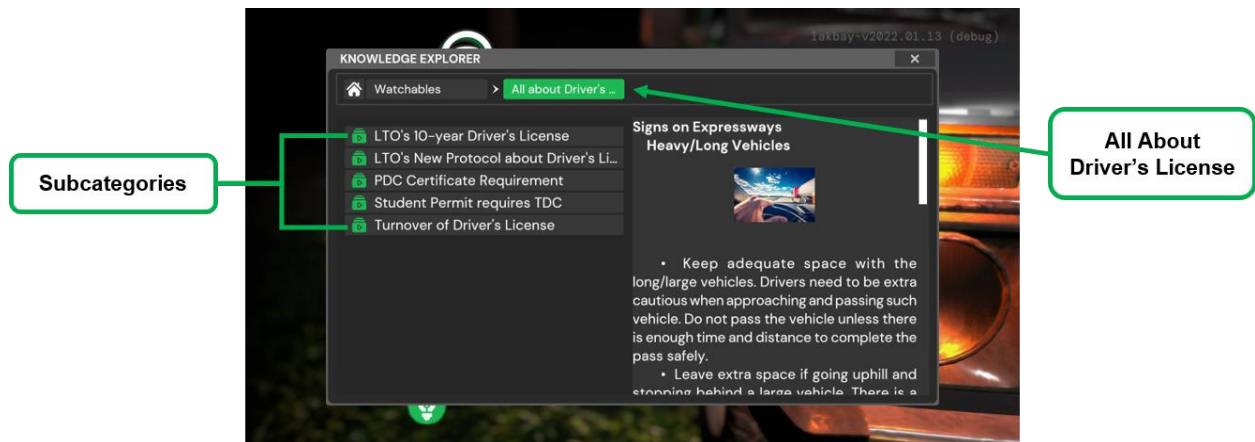


Figure 17. Watchables - All about Driver's License

This shows the third category of the Watchables content, it includes five videos about driver's licenses.



Figure 18. Watchables - Others Category

This shows the fourth category of the Watchables content, it contains two videos under the Others category.

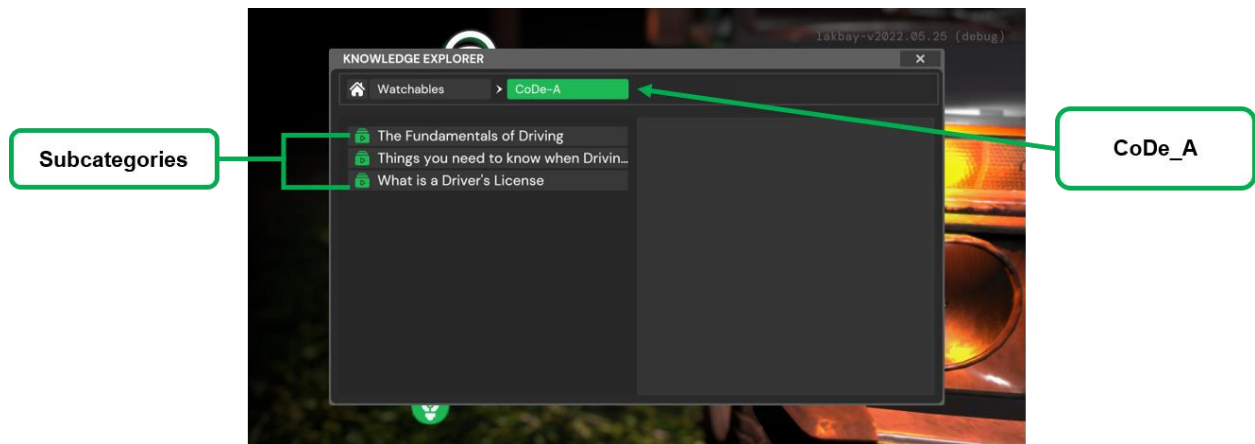


Figure 19. Watchables - CoDe_A Category

This shows the last category of the Watchables content, it contains three videos made by the developers of the application.