

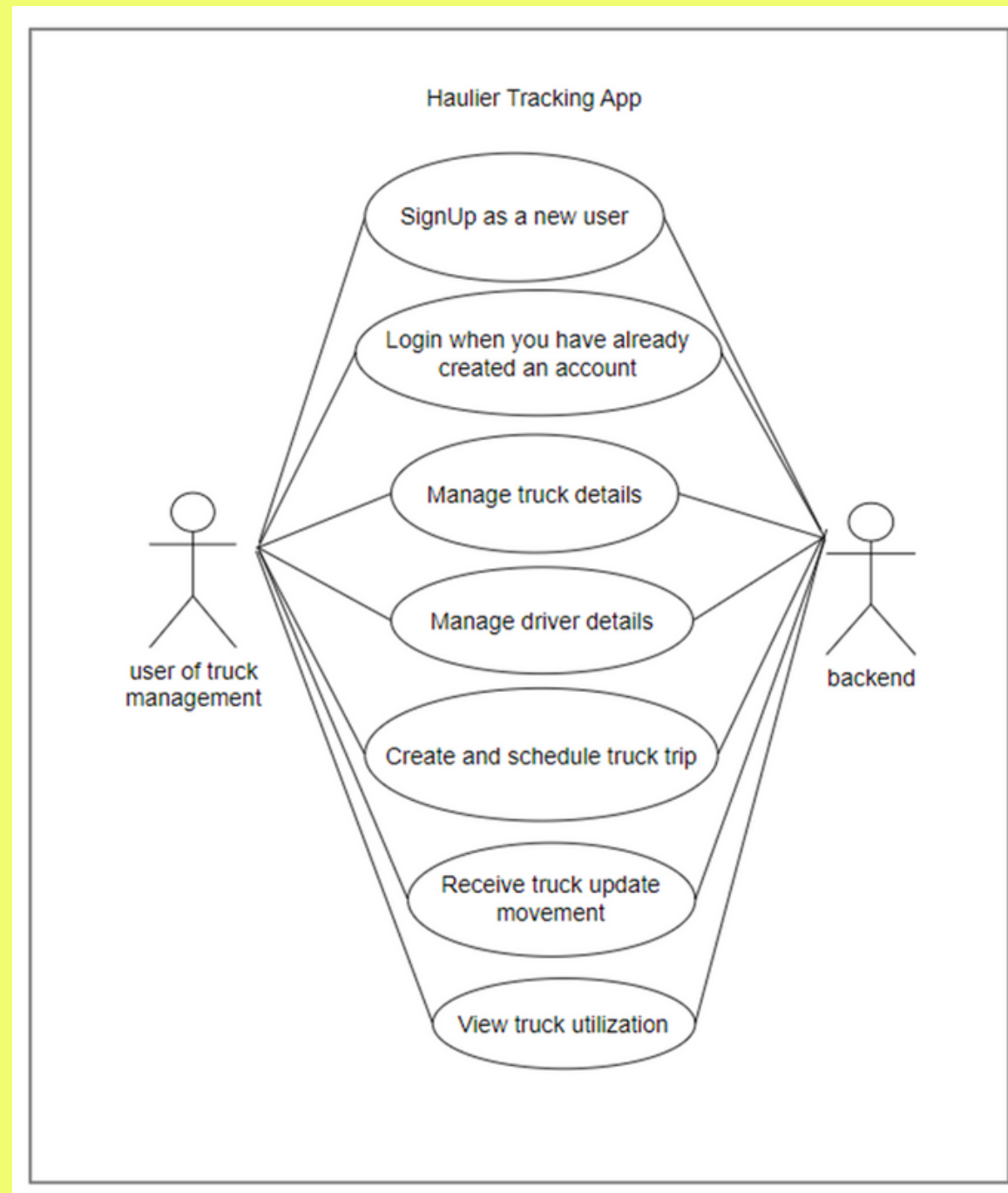
# HAULIER TRACKING APP

Introducing the Haulier Tracking App, a revolutionary solution reshaping the logistics sector. This cutting-edge tool leverages fleet monitoring, enhancing route planning and logistics coordination. The user-friendly interface facilitates informed decision-making, ensuring efficient business management. Positioned at the forefront of industry evolution, this app embodies efficiency, cost savings, and enhanced customer service, making it an indispensable asset for haulage companies.

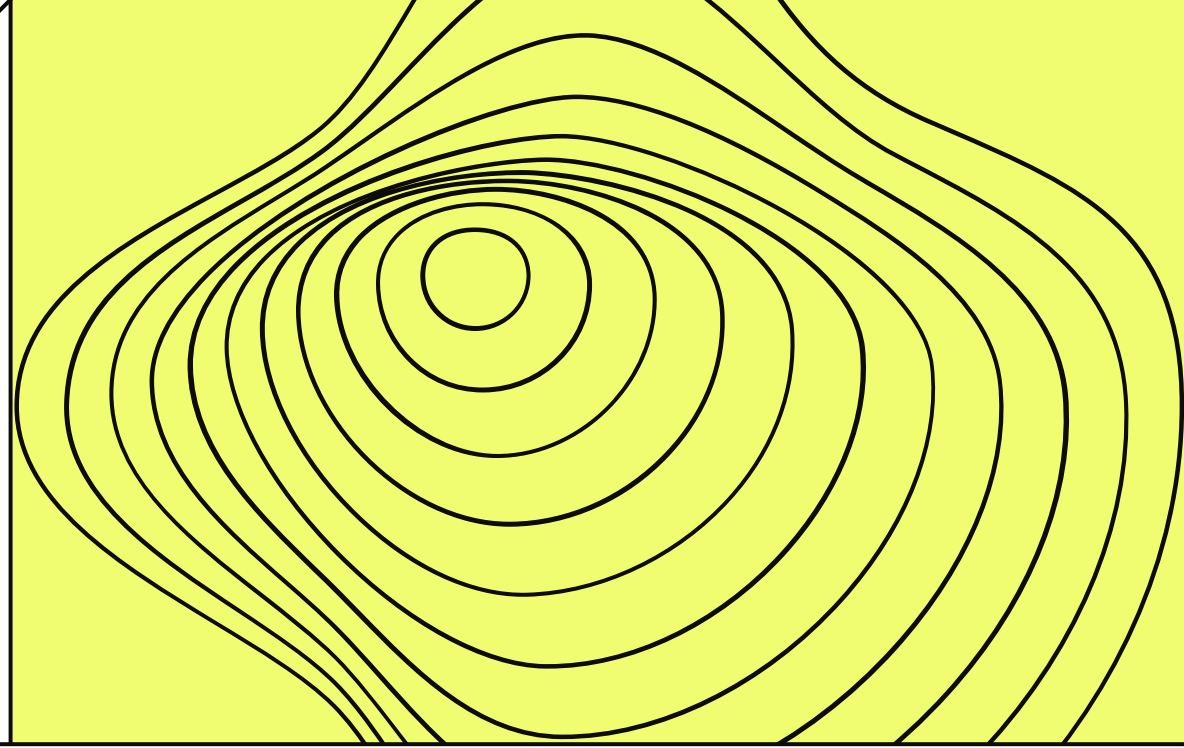




# USE CASE







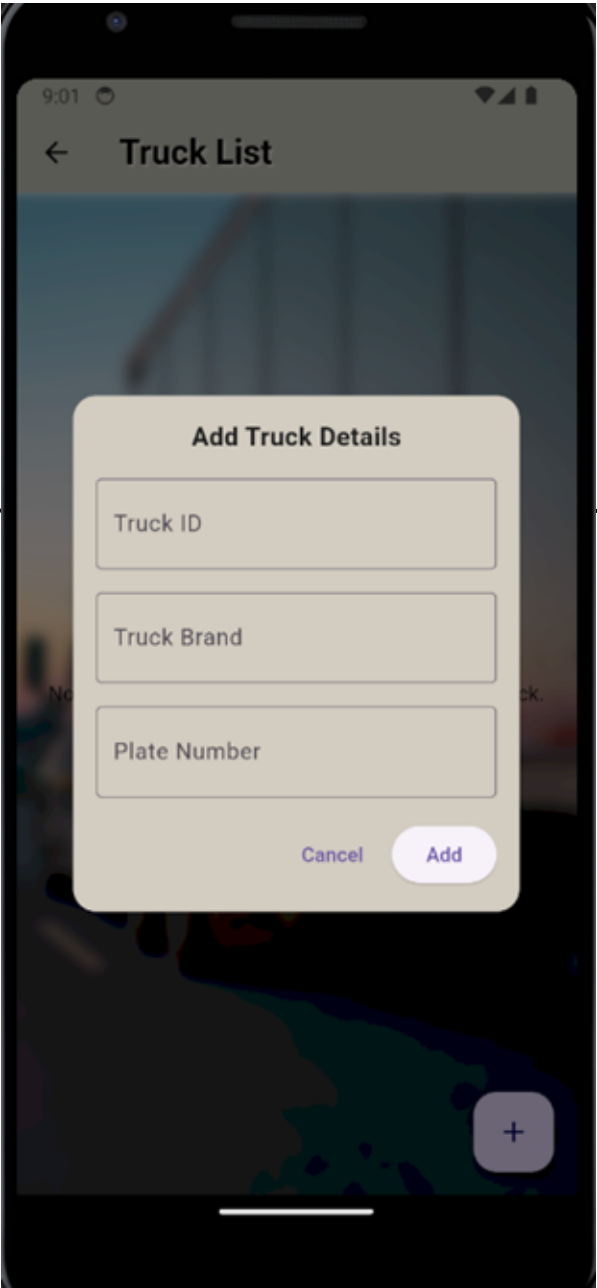
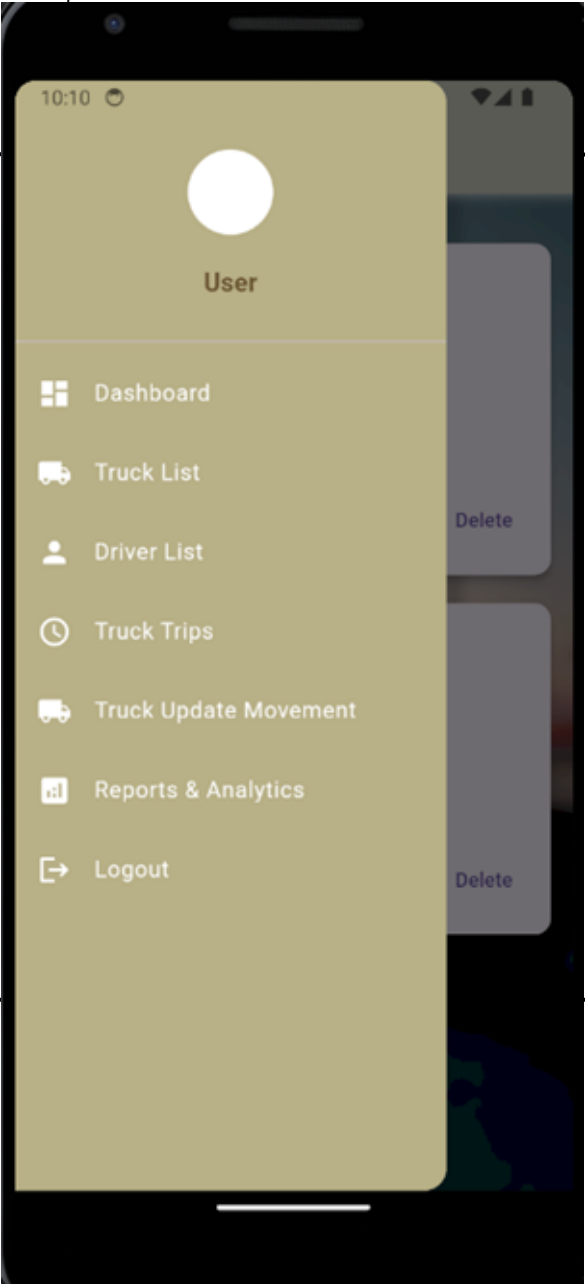
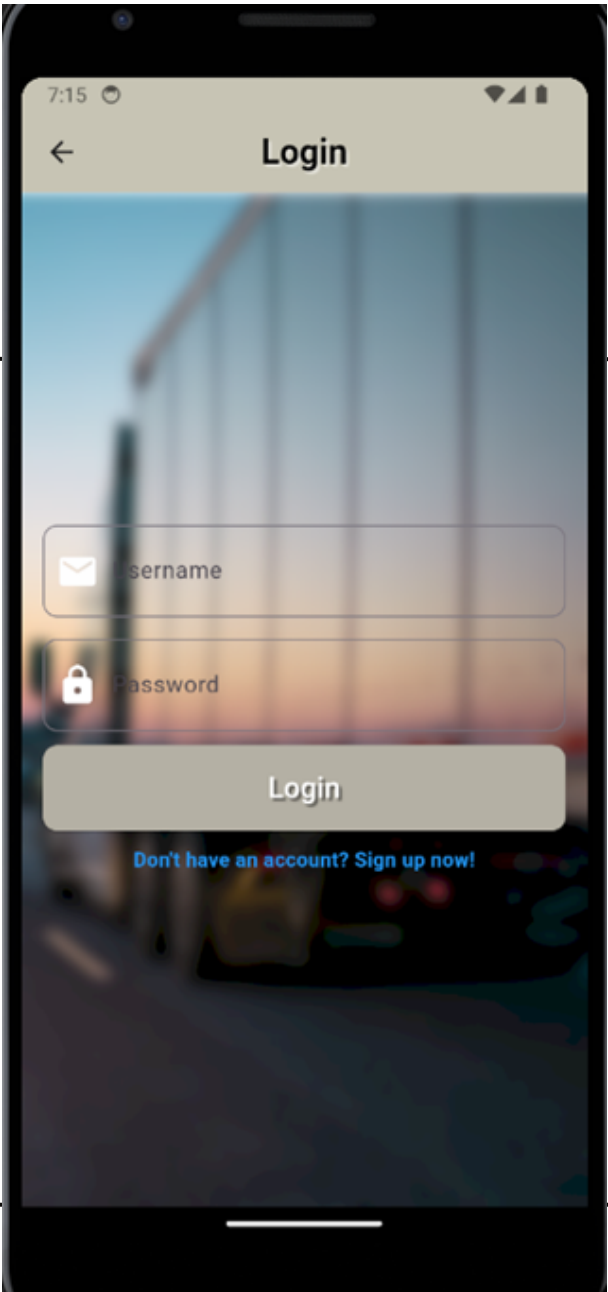
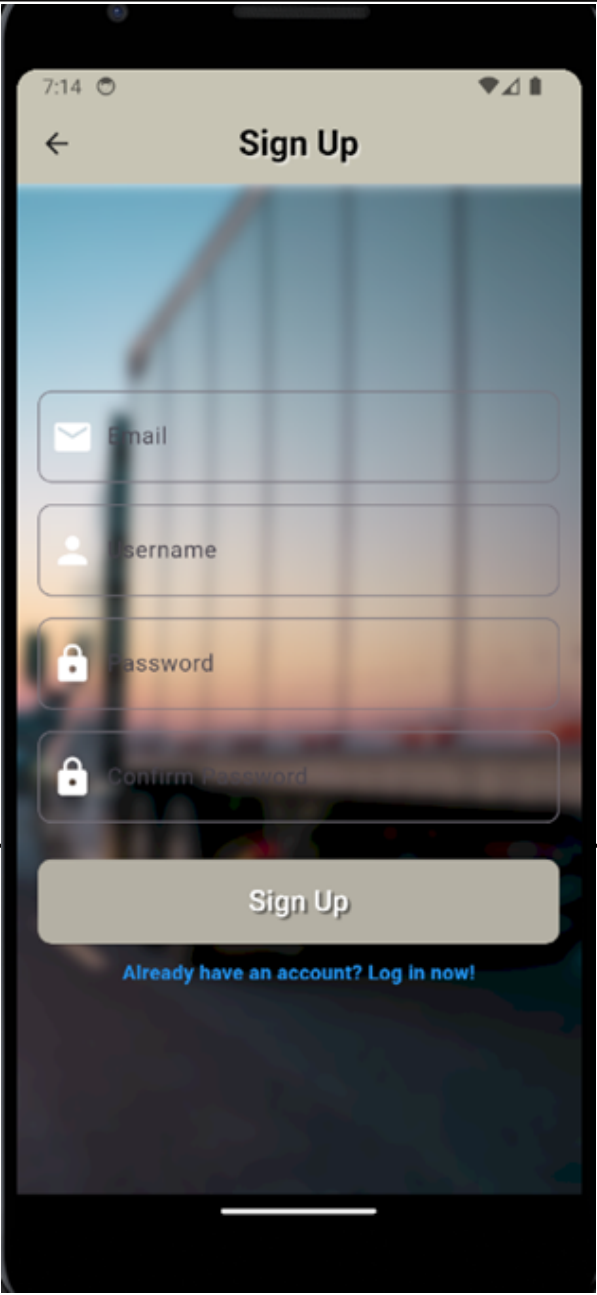
# FLUTTER WIDGET AND FEATURES ADOPTED

## Widget adopted through the app

List and scroll widgets, particularly `ListView.builder`, efficiently organize and present information, such as truck trip listings. Dialog Widgets enhance user interactions, and the application leverages `StatefulWidget` for dynamic state management. The use of `showDatePicker` and `showTimePicker` widgets captures date and time information. The program also incorporates the `fl_chart` package for PieChart visualization of truck utilization stats.

## Features adopted through the app

Users can easily modify personal details and manage truck trips by providing task-specific information. The program offers insightful metrics through a pie chart, detailing completed tasks based on truck ID, distance traveled, and locations reached. The visually appealing user experience is maintained through custom styling, consistent `MaterialAppBar` components, and theming with a custom typeface. Stateful widgets and form validation ensure dynamic changes and data integrity during trip updates.



# REFERENCES

R. C. (2021, June 26). Truck Tracking Admin App UI in Flutter. YouTube. <https://www.youtube.com/watch?v=28wRY7uwPjE>

ChatGPT. (n.d.). <https://chat.openai.com/c/02875f96-0f79-4c52-a66a-795473b2bb88>

Sapry, H. R. M., Zahid, M., & Soon, N. K. Trailer Performance Measurement in Malaysia Haulage Industry.

1.Biessek (2019)-Flutter for Beginners. (2019). [https://epembelajaran.umt.edu.my/oceania/pluginfile.php/382830/mod\\_resource/content/1/Biessek%20%282019%29-Flutter%20for%20Beginners.pdf](https://epembelajaran.umt.edu.my/oceania/pluginfile.php/382830/mod_resource/content/1/Biessek%20%282019%29-Flutter%20for%20Beginners.pdf).