



## MAKING BUSINESSES SAFER AND SMARTER!



We are revolutionizing the commercial insurance sector for transportation by creating insurance that truly meets the needs of fleet businesses. This insurance has been lacking for a long time, and we are developing it from scratch.

### The **KiwiQA** approach

Our efforts have helped Nirvana identify and track issues related to the testing of their apps on different devices and operating systems commonly used in the US market. Through weekly end-to-end testing, we were able to identify discrepancies in premium values, which helped developers identify the impacts of changes made to the apps. By reporting bugs using the "Linear" app, we were able to help developers map and fix issues more efficiently, reducing bug resolution time. Creating test cases helped ensure that all functionality was thoroughly covered during testing, and data verification in the safety app helped identify and resolve crucial bugs related to data uncertainty.

### Project Summary

Client Name: **Nirvana Tech**  
Project Domain: **Insurance (Fleet Insurance)**  
Access Channels: **Web Portals**  
Users: **Fleet Insurance Agents, Underwriters**  
Project Duration: **01 December 2021 - November, 2022**  
Bug Tracking Tool: **Linear, PagerDuty.**  
Services for Nirvana Tech Quoting App: **Appetite Check for DOT, Information of Fleet's Operations, Classes & Commodities, Loss History, Indication, Additional Information, Review, Connect with ELD/Telematics, Quote Generation and Review, Claims.**

### Solving risk for connected operations

Nirvana Tech services is based on "Fleet Insurance" business in the USA. With the aim of making businesses safer and smarter Nirvana Tech is transforming the commercial insurance industry, starting with transportation. It offers modern fleet insurance that is smart and easy to use: upfront savings up to 20% for safe driving, hassle free experience when something goes wrong.

# TAKING A STEP-BY-STEP APPROACH TO ADDRESSING ISSUES

## Problems to be resolved

- Improve product quality and achieve better customer satisfaction by testing the web app across different browsers and operating systems.
- Test the continuously improving product, including the addition of new features.



- Focus on testing high priority items, such as workflow, data fetching, and premium value calculation.
- Track and resolve low and medium priority bugs efficiently and in a timely manner.

- Test the current product and identify any deficiencies or bugs.
- Test the data fetching from US government websites and other telematics data providers.



# ACCOMPLISHING THE INTENDED RESULTS

- Performed cross browser, functional, UI, and smoke/sanity testing.
- Performed end-to-end testing on a weekly basis to identify and report changes in premium values and other details.



- Used the "Linear" app to report and track high, medium, and low priority issues, and "PagerDuty" to report and track blocker issues.
- Created test cases for all four web apps to ensure thorough testing. .

- Performed regression testing on a daily basis to ensure the product is functioning as expected.
- Performed data verification for the safety app, which fetches data from other private and government websites.



# WHAT WE ACHIEVED

By conducting weekly end-to-end testing, we were able to detect inconsistencies in premium values, which helped developers understand the effects of changes made to the apps. By using the "Linear" app to report bugs, we were able to assist developers in efficiently identifying and resolving issues, leading to a reduction in bug resolution time. The use of test cases ensured that all functionality was thoroughly tested, and data verification in the safety app helped identify and fix crucial bugs related to data uncertainty. As a result of our efforts, all four apps are now operating efficiently and effectively for users.

Hence, we were able to deliver below features to client without any miss and within given time:



TNew test cases for Login authored by KiwiQA team: **13**



New test cases for Quoting App authored by KiwiQA team: **275+**



New test cases for UW App authored by KiwiQA team: **134+**



New test cases for Safety App authored by KiwiQA team: **260+**



Defects raised: **200+**