**Assignment 1 — TruckParts Application Testing**

**1. Test Plan**

**App under test:** TruckParts — <https://truckparts-dev.web.app>  
**Test account:** sell.dev@mailna.co / Seller@123  
**Scope:**

* **Add New Product** — verify product creation, validation, media upload, duplication rules, and persistence.
* **Add to Cart** — verify adding items, quantity update, pricing, and cart lifecycle.

**Objectives:** ensure the two features work reliably for normal and edge inputs, present clear error messages, prevent data corruption, and behave acceptably across browsers and network conditions.

**Testing types & approach**

* **Functional tests:** main happy flows + negative inputs.
* **Validation & Data checks:** required fields, format, length.
* **Boundary & edge tests:** duplicate items.
* **Cross-browser checks:** Chrome (primary), Firefox, Edge.
* **Exploratory testing:** quick exploratory sessions to find anything missed by scripted tests.
* **Regression smoke:** after fixes, run smoke on core flows.

**Test environment**

* OS: Windows 11
* Browsers: Chrome (latest), Firefox, Edge
* Network: normal Wi-Fi, simulated slow connection