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Data capture

PILNA used two systems to organise and capture data.

The first system – **Pacific School Information Management System (PacSIMS)** – was used to register students and assign unique PILNA student identification numbers.

PacSIMS was also used to generate class list reports, personalised labels for test booklets, and school packing information for distribution to countries.

The second system – **LSA app** – was used to capture the data.

This was built internally and linked directly into PacSIMS with an application installed on tablets, which were distributed to data entry officers and national coordinators in each country.

For security purposes, both systems had built-in authentication. Access to the systems was restricted to users with authenticated usernames and passwords. The systems were also role-based, which allowed users access to the different modules, based on the type of role they were assigned by the system manager.

For countries that had internet connectivity issues, this LSA app operated in an offline mode that could be synced over the internet at a later time.

To ensure the integrity of the data, the systems had built-in validation rules. When entering data, users with supervisory roles were able to check the information before submitting the entry.