Assumptions/Justifications:

* The assumption is made that a staff member can only work at one branch.
* The justification for having separate tables for Staff, Access Card, iPad, Customer, and Child is to avoid data redundancy and ensure data normalization.
* The assumption is made that each Training Session only trains one sport.
* The justification for having a separate table for Child is to ensure that each child's information is tracked independently of their parent or guardian's information.

Limitations:

* The design does not account for scheduling conflicts if a staff member is assigned to multiple Training Sessions at the same time.
* The design does not include information about the equipment used in each Training Session.
* The design does not account for staff absences or substitutions during Training Sessions.

Optionality:

* Since the headquarters in Kallang stores the central database that keeps record of all information within the company (branches, staff, equipment, customers and their children

and training-session information), it is decided as the Headquarter central is an optionality to keep the diagram neat.

Diagram, schematic

Description automatically generated With HQ

Diagram, schematic

Description automatically generated Without HQ