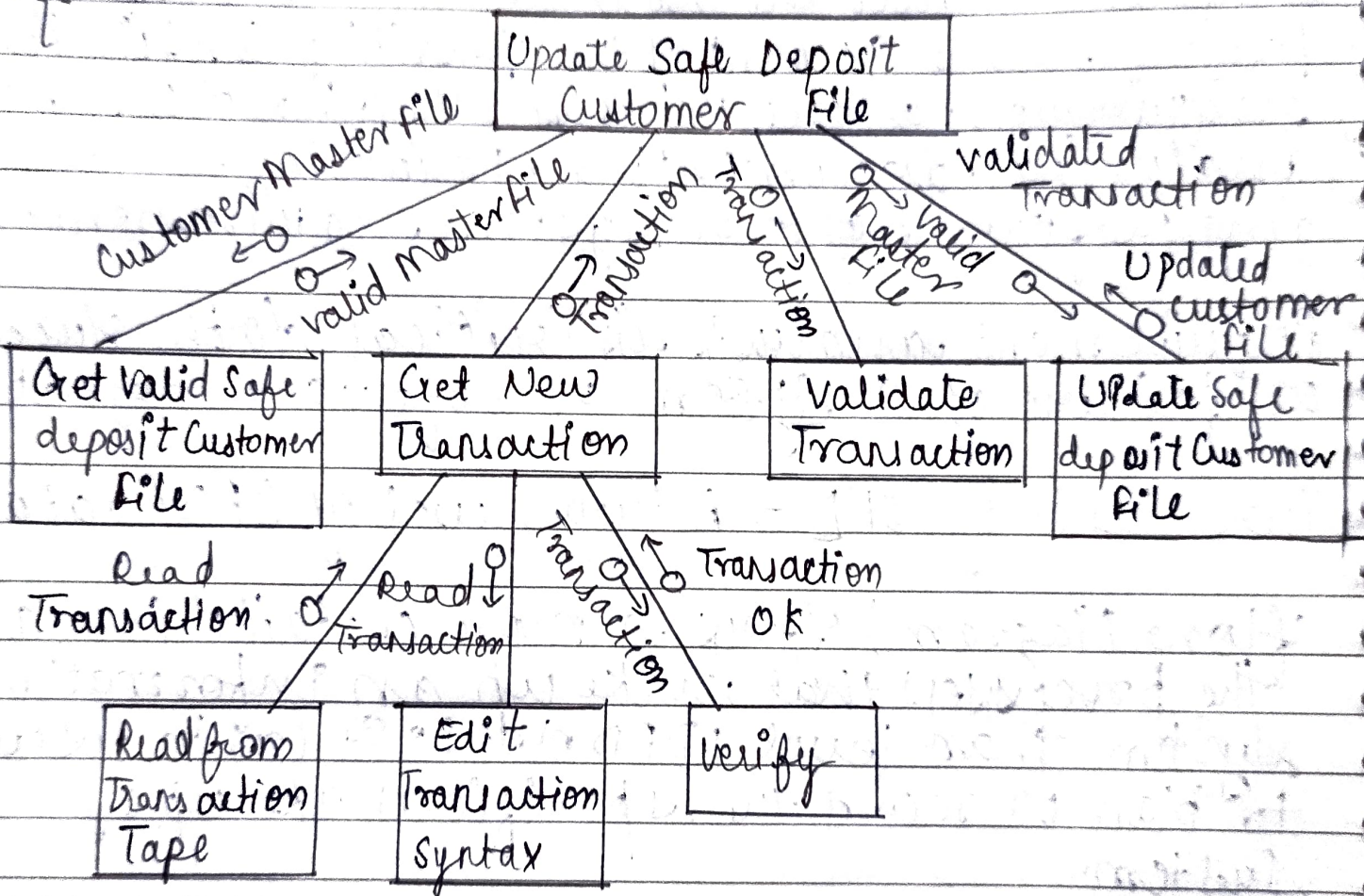


Q=2 Give the hierarchical format of structure chart

Explain the difference between coupling and adaptability.

Ans



• Hierarchical format of structure chart: The hierarchical format, of a structure chart is shown using an example case where customer's safety deposit file is to be updated.

## Coupling

- Coupling is the measure of the degree of interdependence between the modules. A good software will have low coupling.
- Data coupling: If the dependency between the modules is based on the fact that they communicate by passing only data, then the modules are said to be data coupled.
- Stamp coupling: In stamp coupling, the complete data structure is passed from one module to another module.

## Adaptability

- Adaptability is a willingness to confront or change your own ideas and preconceptions.
- Behavioural: responses made by an organism that help it to survive / reproduce.
- Physiological: a body process that helps an organism to survive / reproduce.
- Structural: a feature of an organism's body that helps it to survive / reproduce