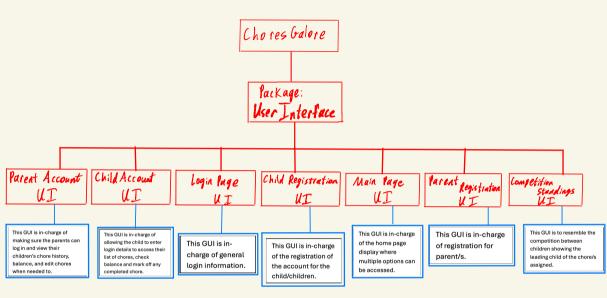
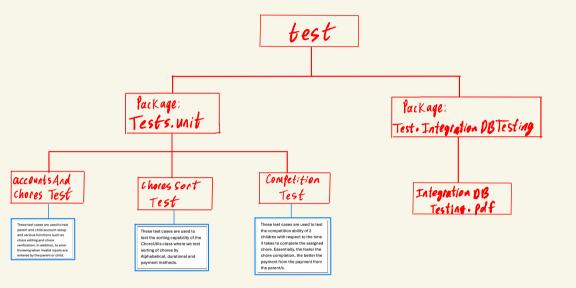


User Interface. Tree Diagram







Database Tree Diagram

Chores Galore

Package:
Patabase Module

Dat a base Connector

Here a DatabaseConnector class is created to establish a database connection using properties from a configuration file. It loads the properties from the file and uses them to connect to the database via JDBC(Java database connectivity) DriverManager. If any errors occur during the connection process, it throws a RuntimeException.

Octabase Oferations

The Database Operations class handles database operations for accounts, chores, competitions, and assignments. It inserts accounts, updates chore statuses, retrieves balances, and fetches chore and competition details. Utilizing JDBC, it executes SQL queries and manages exceptions for robust database functionality.

Database Setup

The DatabaseSetup class sets up the Parent Chore System's database structure by creating tables for accounts, chores, assignments, and competitions using SQL statements. The setupDatabase() method executes these statements, initiated by the main() method. It confirms successful setup or prints any encountered SQLExceptions.