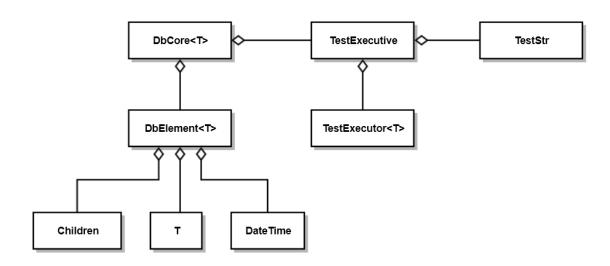Project #1 - Database Prototype

Class	Responsibility
DbCore<T>	Implements core database functionality
DbElement<T>	Value part of a { key, value } db record
T	Payload type
Children	std::vector<std::string>, holds a collection of keys, e.g., dependencies
DateTime	Manages date-time stamps, creates current time strings
TestExecutive	Holds a collection of TestStr instances, executes them using TestExecutor<T>
TestExecutor<T>	Executes a single test in the context of a try-catch block
TestStr	Struct { name, test (callable object) }