v1.0.0 Design
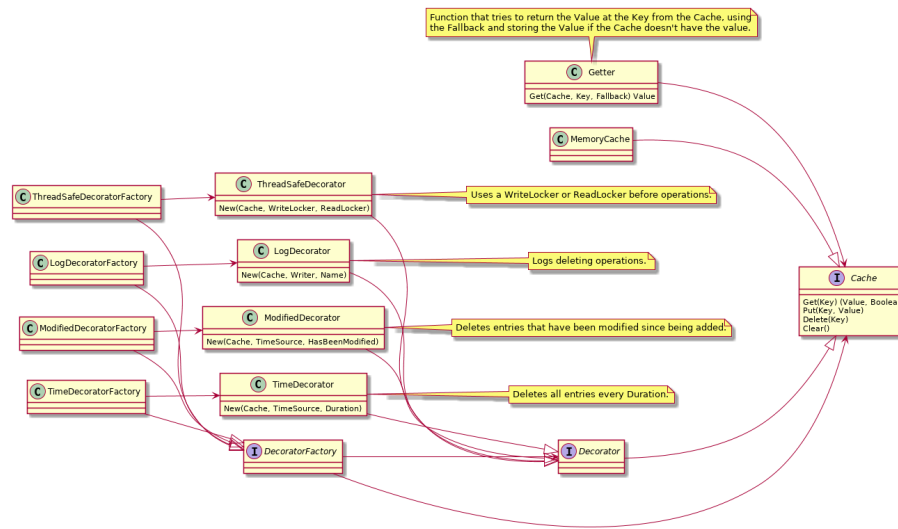

Figure 1: `cache` Design

- A default `Cache` will be provided that composes a `ThreadSafeDecorator`, `LogDecorator`, and `TimeDecorator` and applies them to a `MemoryCache` (1).
- A default `Cache` will be provided that composes a `ThreadSafeDecorator`, `LogDecorator`, and `ModifiedDecorator` and applies them to a `MemoryCache` (2).