* Does this project fully implement its concept?

Most of the concepts are implemented that are required in Project 2 (construction of Key/Value generic database, implementing querying over the constructed database and persisting/restoring of database), but some key functionalities like sharding and compound querying aren’t implemented because of time constraint and these are not in the basic requirements of Project 2. Some additional functionalities like user authentication and key consistency can be implemented but as of now these are ignored for the demonstration of Project#2 purposes.

Some concepts like eventual consistency of data is not practical to implement which is also ignored during implementation as the database that has to handle infinite cases during its implementation.

* Was the original concept practical?

Yes, the concept is practical in most of the cases, like querying which is extensively discussed in the OCD. The principle of dividing of tasks into packages worked perfectly that is well thought during the OCD preparation. Some features, sharding and compound querying are also discussed in detail but due to time constraint I wasn’t able to implement them even though it is practical.

* Were there things you learned during the implementation that made the original concept less relevant?

Yes, some areas where I focused like maintaining consistent children relationship is not implemented for demonstration of Project#2, which is the striking feature of NoSQL database. I found some challenges while implementing like fixing circular dependencies which I haven’t thought while preparing OCD. There areas where I had to deviate from OCD in order to fix these issues. But as I have already stated by dividing packages based on single task principle helped in overcoming these short comings.