**Proposed changes to the codebase:**

**1**. Go kit to reformat and make it even more readable

**2**. We will need to make AST, abstract syntax tree to make parsing of requests and tokenize it using ast package (done, tokens are made but not used)

**3**. Assigning lock only to the data store level when accessing struct­­ means only on the data that is being changed and not the entire struct (done, added separate lock to queue field)

**4**. Use channel for queue pop function to access it in a concurrent manner (done)

**5**. Write test cases to capture all the expected inputs (done)

**6**. Bench marking to see how the program can perform (done, tested setvalues)

**Bonus:**

If the size of cache is reached then we introduce a policy like LRU, least recently used cache where we get rid of the cache which is not used recently.