Critique-Software Design Description(SRS_DOC_2)

- The author has referred to the design description document as SDS. It should be SDD.
- An SDD should accompany an architecture diagram with pointers to detailed feature specifications of smaller or more intricate design pieces. The design should be a stable reference, and it should outline all parts of the software and how they would work. However, in this document, the author has not used a single diagram, making it hard to understand/implement.
- The author has not followed the usual format of an SDD, which includes data design followed by architectural design, followed by interface design and then the procedural design,
- An essential part of every design document is the UI; the software is related to some app, which has a user interface. But here, the author has completely ignored the user interface design. As he/she says, "This SDS is more focused towards implementing the API required for this software rather than the UI", which is not correct, in my opinion. This is because UI is often the most problematic component of the full software. After all, it is customisable and must satisfy the user's needs for the software to be worthy.
- The document does not mention anything regarding how to build the web interface. It does not even say anything regarding how to build the app where notifications will be sent. All these had been mentioned in the SRS, however.
- The SRS mentions that all videos recorded by the cameras would be stored locally, and for that, the PC needs to have at least 20GB of disk space. After seven days, the videos would be transferred to some secondary storage, which will also stay with the user. However, in the design doc, the author does not mention any of these details.
- The author has used the function **.HandleWrongPassword()** multiple times but has not defined the function well enough. For example, it was mentioned in the SRS that when this function is triggered, the user should be blocked for 30 minutes. The design doc does not mention this anywhere.
- In section 2(Video Features), all the functions should have one more parameter: the camera id. This is because there are multiple cameras, and the user might wish to perform a particular action with only a subset of them.
- In section 3(anomaly detection features), the author has only written one or two lines about what each function does. He/she should have mentioned how the function will do what it is supposed to do.
- There is a concise section regarding the UI Design, which does not have any diagrams. Hence, the design document does not convey what the author wants to design.
- The SRS had mentioned how the top bar should look like in the control panel. This has not been followed in the design doc.