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Software Architecture CIA

1. Develop an architecture, with reference to the various consents that were discussed so far in the class, for the presenting to the stakeholders.

→ As discussed the requirements should be kept and as well as future proofing should also be kept in mind.

→ Other Concepts such as modularity and re-useability should be kept at first priority.

→ Each stakeholder has different concerns & goals some of which may be contradicting.

→ Properties can be listed & discussed. Artifact such as requirement document.

→ Different Stakeholders are the customer, the end users, the developers, the project manager, the maintainers etc.

→ Having an acceptable system involves properties such as performance, reliability, performance compatibility, memory utilization, network usage and inter-operability with other systems as well.

→ we will see the importance of these properties determine to overall design of the architecture.

→ we can use SDK's like flutter in order to develop cross platform app.

→ As different stakeholders use different device to access ERP.

→ so this should be our approach while developing Architecture.

2. **Concerns of Stakeholders :-**

- The overall concern of different stakeholders is that the ERP should work pro-efficiently even with heavy load.

- Because at the start of the event there will be thousand's of requests that it should be handled efficiently.

- security concerns should also be addressed and it should be optimal as its a crucial part of the architecture.

- Security is a very concern ~~of~~ especially now a days as we are ~~~~ migrating offline and manual tasks to an online mode.

- All the crucial information of the ~~~~ organization is stored in it (ERP).

- These are different concerns ~~~~ of different stakeholders.