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| **When and Where**  **Date:** 10/21/19  **Start**: 2:30 pm  **End:** 3:30 pm  **Room**: ECS 243 | **Role**  **Primary Facilitator:** Teriq  **Timekeeper:** Yovanni  **Minute Taker:** Anthony  **Attending:** Armando, Kian, Teriq, Anthony, Yovanni |

1. Status

Update regarding tasks assigned previous week. Some members have successfully completed their tasks while others must revisit their works due to slight misconceptions found. Start decomposing the system into subsystems.

1. Discussion

Armando, Yovanni and Kian all finished their tasks successfully. Section 1 of the Design Document is 35% complete and Armando completed the security section for the Design Document. Teriq and Anthony made a slight mistake while creating the ER Diagram as they did not use a validation software so it must be redone. Teriq took responsibility of doing the data dictionaries for the persistent data section.

Afterwards, the team discussed how the system should be effectively decomposed. The team decided that the system should be decomposed into three layers which includes the Presentation layer, Logic layer and the Storage layer. Within these major subsystems the team identified key partitions that would ensure high cohesion and low coupling between different subsystems.

The team decided to make 7 different subsystems in the logic layer including SOS server, SOS session manager, SOS Dispatcher, User Management, Event Management, Organization Management and Security Management. The first three subsystems are specialized to retrieve information from the user, keep track of the current status of the system and send data back to the system. The rest of the subsystems found within the Logic layer are to delegate certain operations for the persistent objects that exist within our system which include events, organizations and users.

1. Wrap Up

* Teriq will complete the data dictionaries for the persistent data section of the design document.
* Anthony will revisit the ER Diagram and re-do it on STAR UML.
* Armando and Yovanni will work on the hardware and software mapping of the SOS system.
* Kian will continue to work on the front end of the SOS system and on Section 1 of the Design Document.