Meeting 2: Subsystem Requirements and Initial Design Planning

People who attended:

Member 1: CloudTables-Customer

Member 2: CloudTables-Service and GitHub Repository

Member 3: CloudTables-Manager

Main points of meeting:

-going over any progress that has been made from meeting 1

-confirming github is all set up and repository is ready to use

communicate and conclude the subsystem-specific quality requirements consisting of security, performance, and scalability.

Start coming up with functional requirements for every subsystem we have

Overview:

Everyone completed there first lookover of there designated subsystem and case study and the requirements it needs

-made sure the github repository is functioning and has folders for each subsystem while also confirimg the first document is a read me file

Quality requirements:

Every team member communicated there quality requirements for there assigned subsystem.

Performance: Every subsystem will have a response time of 5 seconds or under for all frequent operations. The manader sub-system may need to become more efficient to be able to process an increased volume of information.

Salability-microservices will be implemented to help scale relative to the demand as an increase in growth will be expected. Making sure all back ends can handle scalining is vital.

security-protected data transmission will be used. An example of secure transmission is HTTPS; this will be used to securely communicate with the cloud. Member 3 came up with using a secure validation proces and encryption fo all clout table services, which the team agreed on

Functional requimrnts:

When identifying use cases for each sub system

Member 1: All customers should be able to see open tables, leave reviews and make any bookings

Member2-workers should be able to view orders, revisionsand be able to update any changes to an order

Member3-managers should be able to handle aspects such as tables, data and inventory

Furter actions:

Start creating use case diagrams for every subsystem based on the functions we discussed and identified

Focus of next meeting:

Review created use case diagrams and start the discussions of future design