**Team 1 – Quiz (Week- 6)**

# Lecture Topic: System Modeling

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| **No** | **Quiz Questions** | **Student/Author Name** |
| 1 | What are the fundamental perspectives of system modeling? | Amala |
| 2 | What is class relationship and explain any 2 of them? | Amala |
| 3 | What is data normalization and explain its forms | Bhakti |
| 4 | What is data integrity? Explain the data integrity rules | Bhakti |
| 5 | List down the data modeling steps | Bhakti |
| 6 | What is the use case diagram? Explain the concept of actors, use cases, include and extend. | Tahera |
| 7 | Differentiate between data flow diagram and activity diagram. | Tahera |
| 8 | What are the fundamental perspectives of system modelling? | Sai Teja |
| 9 | Describe Structural models of a system. | Sai Teja |
| 10 | What is aggregation? | Rushda |
| 11 | What defines the values that are used to classify and characterize other data? | Rushda |
| 12 | Define Data Normalization. | Rushda |
| 13 | Difference between 1NF and 2NF. | Rushda |
| 14 | Define primary key, composite key, foreign key | Nidhi |
| 15 | What is data dictionary? | Nidhi |
| 16 | What are types of data integrity? | Sai Manish |
| 17 | Describe common modeling diagrams. | Sai Manish |
| 18 | What is the Sequence diagram? Steps to Create a Sequence Diagram? | Jahid |
| 19 | How a sequence diagram represents a “white box” view? | Jahid |