**Team 1 – Quiz (Week- 10)**

# Lecture Topic: Architectural Design

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| **No** | **Quiz Questions** | **Student/Author Name** |
| 1 | What is the difference between test-driven development and exploratory testing? | Jahid |
| 2 | Can test-driven development be used in plan-driven development processes, and can exploratory testing be used in Agile development processes? | Jahid |
| 3 | How does regression testing differ between manual and automated testing processes? | Jahid |
| 4 | What are the key skills and tools required for conducting performance testing on a system? | Jahid |
| 5 | Which architectural style is suited for a relational database management system? | Rushda |
| 6 | What is an n-tier architectural style? | Rushda |
| 7 | What is the representation of the flow of data through the system called? | Rushda |
| 8 | What is the cloud computing SPI model? | Tahera |
| 9 | Explain the system architect roles. | Tahera |
| 10 | Explain levels of architecture abstraction. | Tahera |
| 11 | Explain four perspectives of Architectural Design. | Bhakti |
| 12 | What are the four essential skills for a System Architect? | Bhakti |
| 13 | What are the benefits of documenting a Software Architecture? | Bhakti |
| 14 | Who designs architecture? | Sai Manish |
| 15 | When to use application architecture? | Sai Manish |
| 16 | What are architectecture design principles | Sai Teja |
| 17 | What are the steps of architecture design process | Sai Teja |
| 18 | What are the types of Architecture? | Amala |
| 19 | Explain Model View Controller | Amala |
| 20 | What is a layered architecture pattern? | Nidhi |
| 21 | Explain client-server architecture model? | Nidhi |