## *D)* Original Requirement Set For Case Study 2 *Internet of Things* (Alqassem & Svetinovic, 2014)

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| **No** | **Quality Attribute** | **Security Requirement Description** |
| 1 | Access control | “Protecting system’s resources and services from various attacks, such as receiving wrong command” |
| 2 | Access Control | “Protecting communication servers and database systems from disruption” |
| 3 | Authorization | “Administrative interface should be accessed only by legitimate users” |
| 4 | Authorization | “Billing data should be protected from unauthorized access” |
| 5 | Data integrity | “Increasing the memory space and computational power in smart meter, remote terminal units and intelligent electronics devices to allow more flexibility in implementing sophisticated security features” |
| 6 | Data integrity | “Transferred data should not flood in communication links” |
| 7 | Authentication | “Connected smart meters should not be allowed to use the same password” |
| 8 | Authentication | “Interacting with users should only occur after verifying their identities” |
| 9 | Contextual Integrity | “Users should have an option to configure and monitor their transferred data” |