## *B)* Sample keyword sets generated by using word frequency analysis

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| ***Component/Feature Instance Name (Class Type)*** | ***Keywords*** |
| *Authentication (C-Authentication Mechanism in General)* | *user, service, customer, password, pin, card, validity, valid, access* |
| *Access Control (D-Access Control in General)* | *access, ACL, database, environment, level, mechanism, microsoft, operating system, privilege, rights, unix, user, web, windows* |
| *Cryptography (T-Tag)* | *AES, algorithm, bit, block, byte, cipher, ciphertext, crypto, cryptographic, cryptology, decrypt, DES, encryption, hash, key, key, keystream, message, random, secret, sign, signature, verification* |
| *Distributed Systems (B-Application Architecture)* | *account, banking, card, concurrency, customer, distributed, government, online, redundancy, service, transaction* |
| *Multilevel Security (D-Access Control)* | *Bell LaPadula, BLP, confidentiality, covert, government, high security, mandatory, military, MLS, secret, SELinux, separate, top secret, unclassified* |
| *Multilateral Security (D-Access Control)* | *access, bank, chinese, company, compartmentation, countries, country, data, database, doctor, drug, government, health, hospital, lattice, medical, names, patient, privacy, staff, wall, work* |
| *Banking and Bookkeeping (H-Functionality)* | *access, account, ATM, auditor, authentication, bank, bookkeeping, branch, card, cash, credit, customer, financial, fraud, online, payment, terminal, transaction* |
| *Physical Protection (O-Physical Protection in General)* | *alarm, bank, barrier, building, burglar, commercial, communication, computer, controller, environment, fire, key, lock, nuclear, physical, police, protection, sensor, staff, system, vault, wall* |
| *Monitors and Metering (H-Functionality)* | *analogue, cards, counter, device, electricity, meter, metering, postage, prepayment, service, smartcard, tachograph, ticket, token, vehicle, vending* |
| *Biometric Authentication (C-Authentication)* | *bad, biometric, DNA, evidence, facial, fingerprint, hand, identification, iris, match, pattern, recognition, reject, signature* |
| *Printing and Sealing (H-Functionality)* | *banknote, envelope, forgery, glue, hologram, ink, inspector, magnetic, money, note, passport, pin, printing, seal, tape* |