OTP Generation Library [IMPORTANT]
1. otpauth (Algo -> SHA512)

JWT Sessions Generations [IMPORTANT]
2. njwt (Algo -> HS256)

HASHING AND ENCRYPTION [IMPORTANT]
3. crypto -> cryptographic functionality.
   Hashing Algo -> SHA1 ,
   Encyption Algo -> aes-256-cbc

MOST USED MODULES [IMPORTANT]
4. path -> for working with file and directory.
5. dotenv -> loads environment variables
6. underscore -> for object and array manipulation
7. moment -> for time & date manipulation.
8. body-parser -> parse incoming request and store to req.body property.
9. continuation-local-storage -> thread-local storage for storing transaction id
10. async -> for asynchronous functionality async.waterfall, async.series , async.parallel

API SERVICE CREATIONS [IMPORTANT]
11. restify -> webframework to create api
12. restify-cors-middleware
13. express -> webframwork to create api

LOGGING LIBRARY [IMPORTANT]:
14. winston -> logging library

15. winston-daily-rotate-file -> for rotating logs files

UNIT TEST MODULES [IMPORTANT]
16. supertest -> for HTTP calls
17. mocha -> for unit test framework
18. chai -> assertion library

READ AND WRITE MODULES:

19. readline -> used for command line interace and emitting events for new line read
20. jsonfile -> Easily read/write JSON files in Node.js
21. json-mask -> filtering a json object
22. mask-json -> masked json object
23. fs -> for handling file read and write

DATA VALIDATION:
24. uuid-validate -> checking uuid format
25. uuid -> to generate uuid format. For e.g. uuid.v1() , uuid.v4()
26. dateformat -> for date format
27. luhn -> for credit card and imei validations
28. randomstring -> to generate random string
29. node-set -> array and string manipulations
30. password-validator -> for password validation like isMin() isMax()
31. validator -> This library validates and sanitizes strings only.
32. util -> for array check and manipulation

33. base-64 -> for encoding and decoding
34. string -> for string manipulations
35. arraylist -> for array manipulations

DATA BASE MODULES [IMPORTANT]

36. niugu-genertic-pool -> for handling ldap connection with ldap
37. ldapjs -> for ldap database connection driver
38. cassandra-driver -> for cassandra database connection driver.
39. amqlib -> for rabbitmq driver.
40. hazelcast-client -> for hazelcast driver.

OTHERS MODULES:
41. system-sleep -> will make the system wait xxx milliseconds.
42. request -> to make http calls
43. http -> to make http calls
44. swagger-ui-restify -> documentation for your API hosted
45. saml-toolkit
46. cors

If you want to grow exponentially then start documenting everything.

List of all modules used by Telco Idam Project.