Angular JS:

1)MVC Framework

2)

MongoDB:

1)NoSQL DB

2) Schema less

3) Document Oriented

4) Indexing of fields.

5)JSON or BSON Data Storage

6)Sharding

Ref: https://www.tutorialsjar.com/key-features-of-mongodb/

Node JS:

1. Asynchronous and Event Driven
2. Single Threaded
3. I/O bound Applications
4. Data Streaming Applications
5. Data Intensive Real-time Applications (DIRT)
6. JSON APIs based Applications
7. Single Page Applications
8. **can develop Restful services API**

Ref: <https://www.tutorialspoint.com/nodejs/nodejs_introduction.htm>

RC 522:­

1. communication at 13.56 MHz
2. module uses SPI to communicate with microcontrollers.
3. Advanced modulation and demodulation concept completely integrated in all types of 13.56MHz passive contactless communication methods and protocols.
4. 14443A compatible transponder signals.
5. ISO14443A frames and error detection.
6. MFRC522 support MIFARE series of high-speed non-contact communication, two-way data transmission rate up to 424kbit/s.
7. Data transfer rate: Maximum 10Mbit/s
8. Block diagram
9. ISO card (S50) rfid tag.The security layer sports the field-proven CRYPTO1 stream cipher for secure data exchange of the MIFARE classic family. Each card has a unique id that cannot be changed.
10. Passive contactless rfid tag. Passive RFID tags only have two main components – the tag’s antenna and the microchip or integrated circuit (IC). Powered by the rfid reader.

Ref: <https://www.rhydolabz.com/wireless-rfid-reader-tag-c-130_98/rc522-rfid-reader-writer-1356mhz-with-cards-kit-p-2156.html>

<https://www.elecrow.com/download/MFRC522%20Datasheet.pdf>

<http://www.planc.biz/pdf/m001051.pdf>