Data flow and computer networks
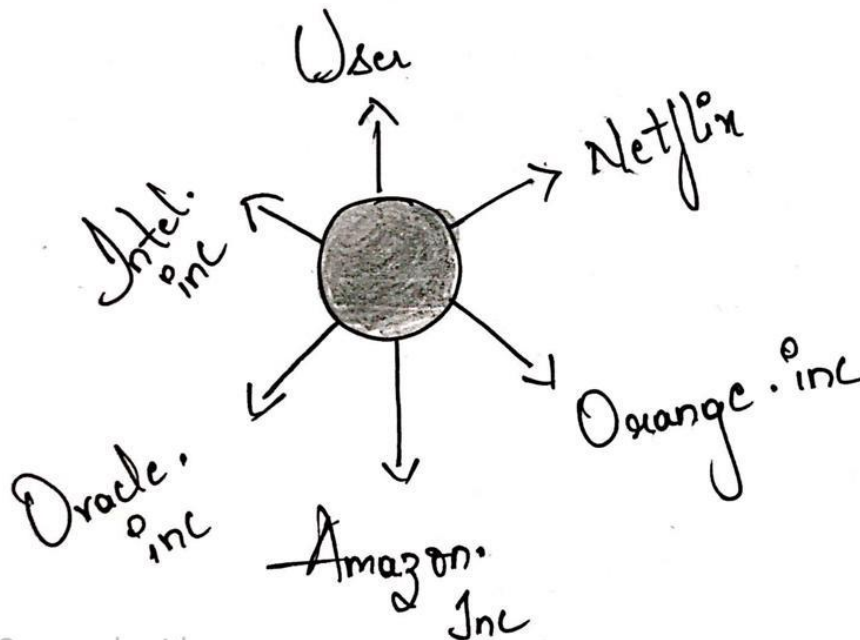
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Topic: Netflix

- Sun of actors
- Assumptions
- Sequence diagram
- Obashi(g)
- Pros & cons

SUN OF ACTORS (Napkin thinking)

In this Sun Of Actors, we can clearly show the companies and the one who are involved in NETFLIX.

Pros:

- The visualization and control of system architecture.
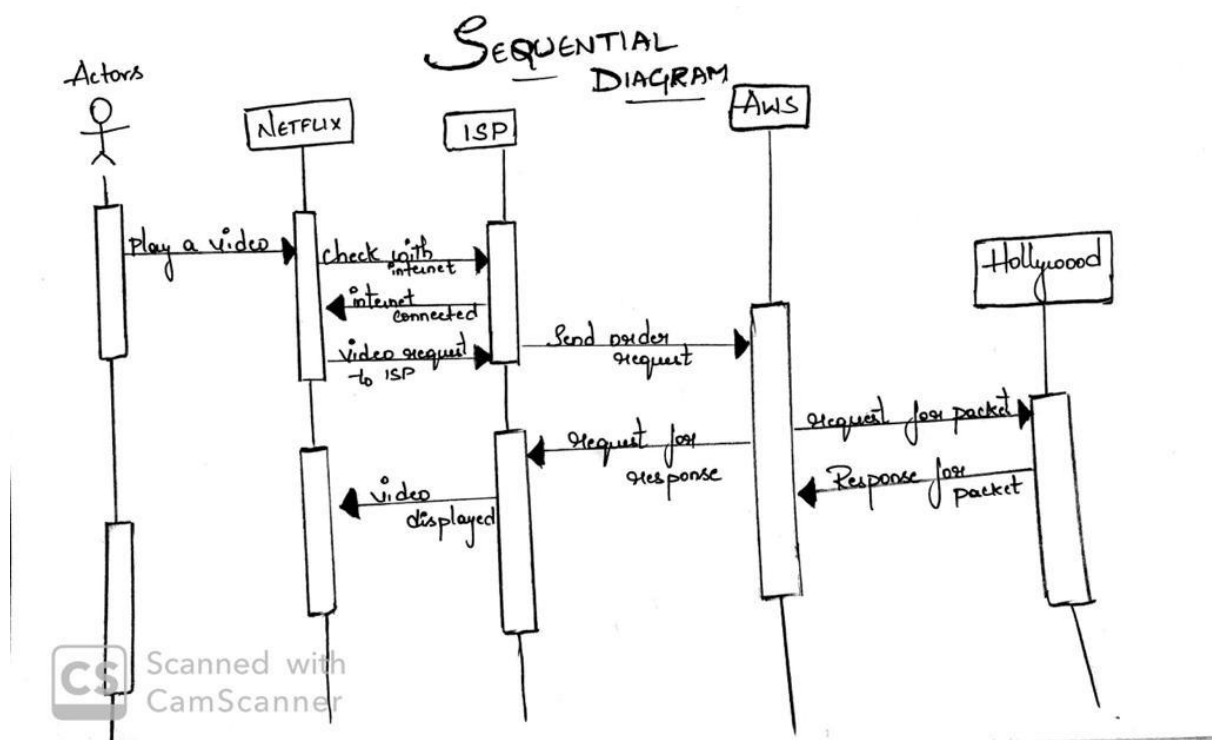- Promoting a deeper understanding of the system. Exposing opportunities for simplification and re-use

Cons:

  • Consider to be not agile and more suitable for waterfall process.

Assumptions

1. HP laptop is used as the device and Intel.inc is the processor.
2. Accessing of NETFLIX is done in France.
3. Orange is used as ISP (Local network in France).
4. AWS is used as the web service for NETFLIX.
5. Oracle is used as the data base to store the data.
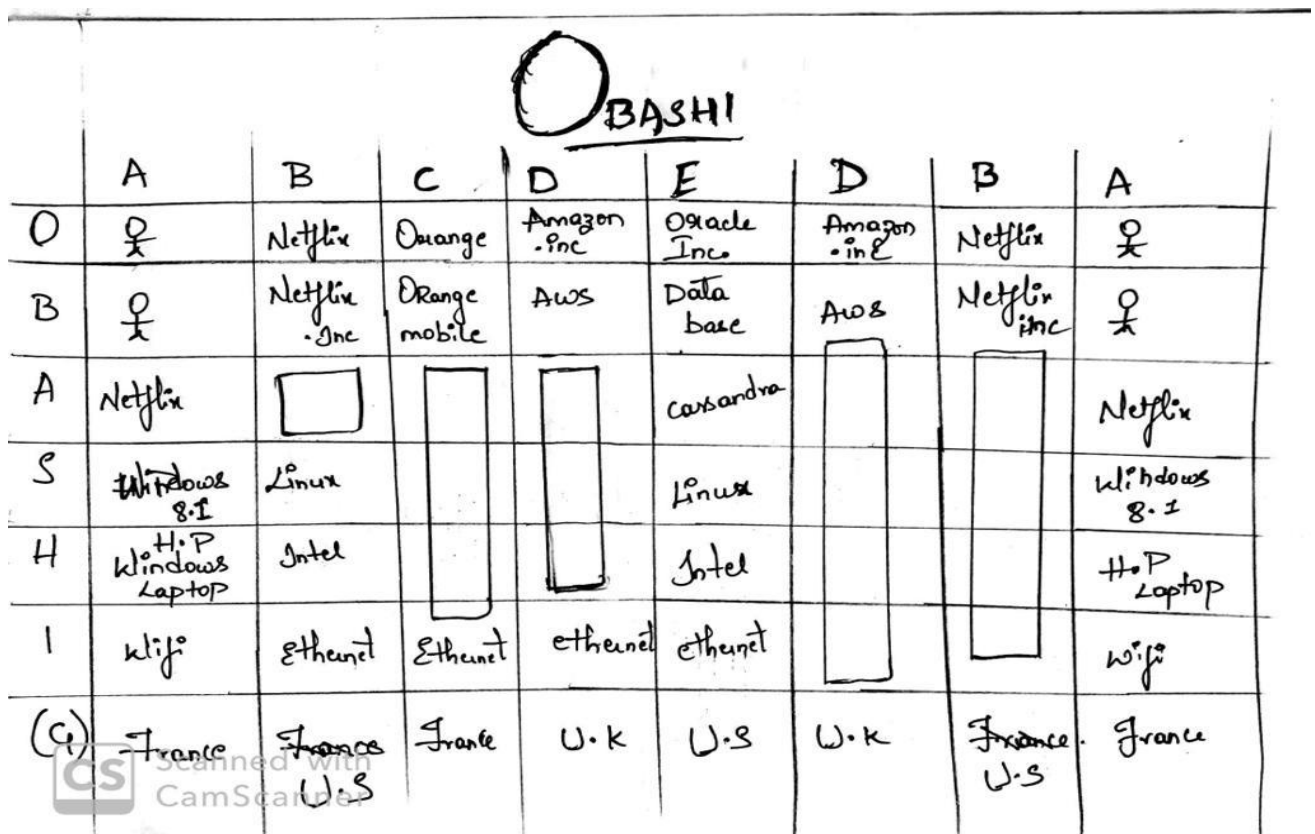
Sequence Diagram

Pros:

  • The story of the process will be clear

- Boundaries where my data goes/ I can stop cutting my steps/ manage my operations.
- Powerful for business continuity.

Cons:

- Conditional rooting is not possible/ we cannot stop with one sequence diagram.
- Put heavy data on the arrow.
- Sequential diagram doesn't allow IT to support it.

OBASHI

	A	B	C	D	E	D	B	A
O	♀	Netflix	Orange	Amazon .inc	Oracle Inc.	Amazon .inc	Netflix	♀
B	♀	Netflix .Inc	Orange mobile	AWS	Data base	AWS	Netflix inc	♀
A	Netflix	☐			Cassandra			Netflix
S	Windows 8.1	Linux			Linux			Windows 8.1
H	H.P Windows Laptop	Intel			Intel			H.P Laptop
I	wifi	Ethernet	Ethernet	ethernet	ethernet			wifi
(c)	France U.S	France U.S	France	U.k	U.S	U.k	France U.S	France

Pros:

- The OBASHI gives clearly view of who and what are involved in system and business process.
- Everything stated is accurate.

Cons:

- No time sequence between entities.