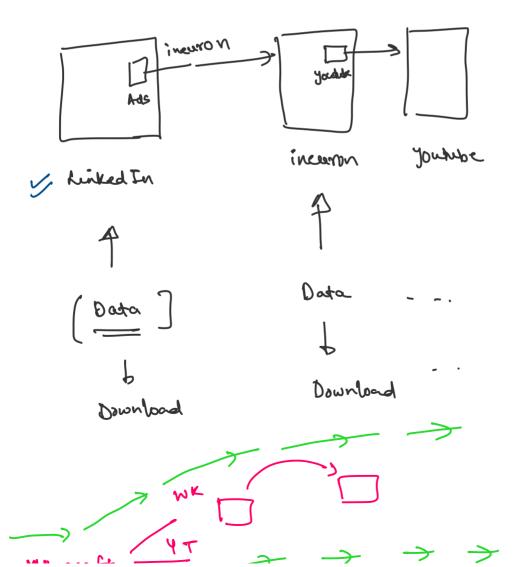
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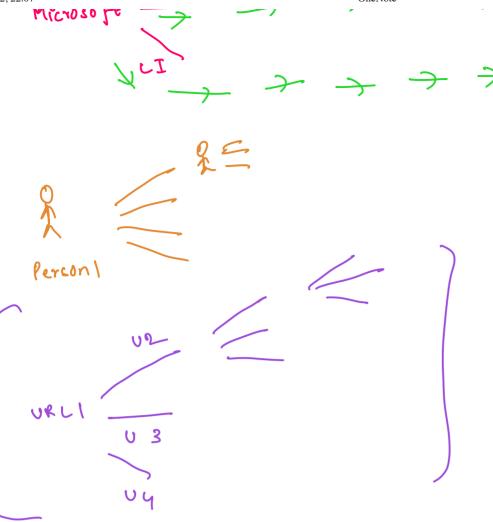
Saturday, 9 July 2022 8:03 PM

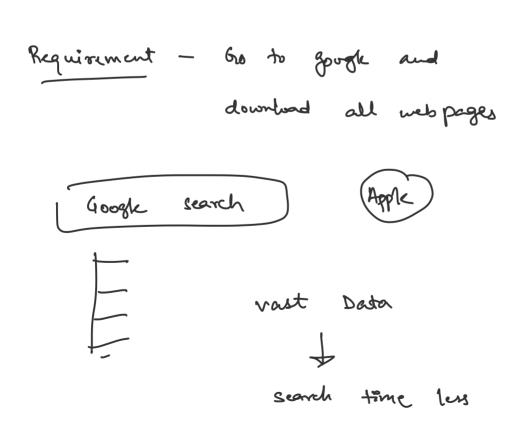
Topics to cover

-> Object oriented programming

crowder







Data

Scape - Download all content
of all of the websites

Storage - How much storage required?

1.87 Billion

\ \ \

a B websites

2-3 pages

loos pages

5-50 webpages

Avg webpeges = (00 per website

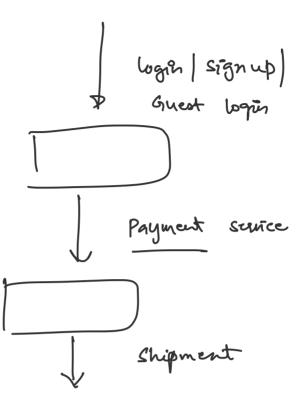
Parameters to consider for any of the project -

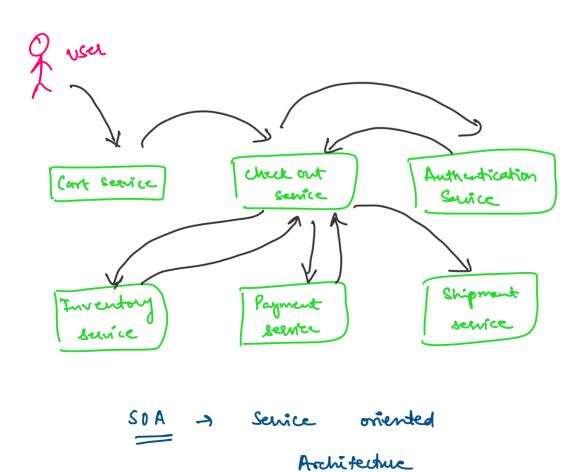
- 1. Requirement Gathering
- 2. Scoping
  - 3. Estimation of data Storage
    Notwork
  - 4. Breaking the bigger problem into Smaller components

Amazon

Lo user ability to buy an item

Provide Seurice for the same





Requirement Gathering

2. Scoping

3. Estimation of data

4. Break into smaller components

5. Implementation of each component

6. Testing

7. Deployment

	Company	
	Appn	] =
	( System Design	Round)

Global Standards

< 2 yrs	2-7 yvs	7 7 yrs
70% coding skills	50'(. coding	30°1. coding

30'/. System 50'/. design 70'/. design

For any interview -

- Any pregramming language
- -> Good at DS / Argo
- -) System design

System design + fullstack

System design + Backend

System design

conceptal

case studies

Tuteryiew scenarios

System design

low level Design

Kigh level Design

5. Tonplementation

6. Testing

7. Deployment

1. Ret gethering
2. Scoping
3. Extimation
4. Breaking problem

## Low level desi

) Object oriented principles

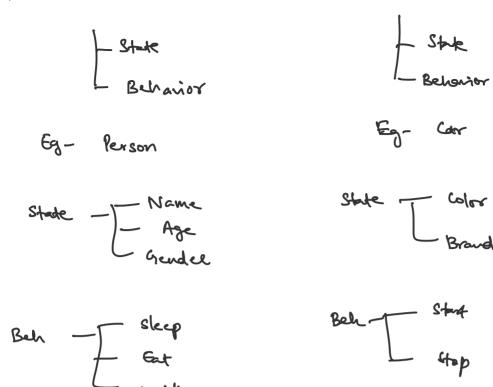
) Design principles (OLID)

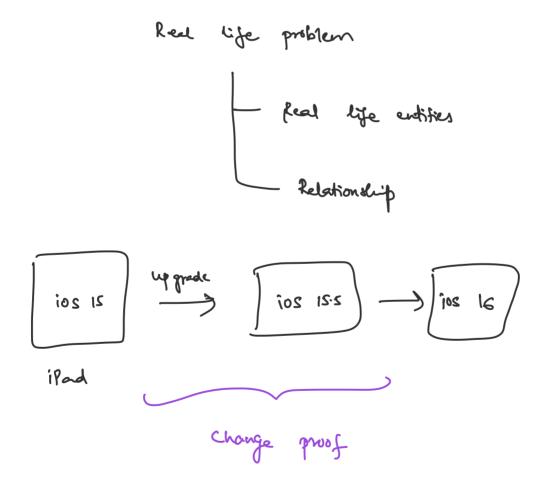
) GOF Design pattern

) Interview preparedness

object oriented programming

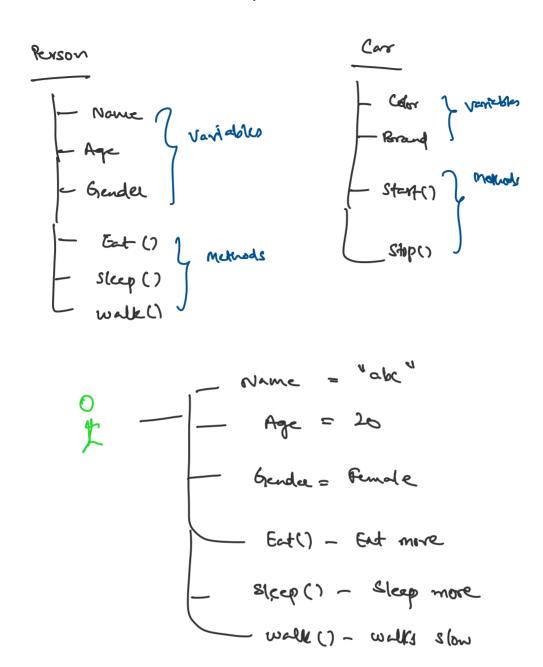
Real life problems Real life entities Non liting ムジ~ entities





Class and object
Template

L Blue print



La Reference

Intellij download link -

https://www.jetbrains.com/idea/download/#section=mac

23/09/2022, 22:07 OneNote

```
public class Person {
  String name;
  int age;
  String gender;
  public Person(String name, int age, String gender)
    this.name = name;
    this.age = age;
    this.gender = gender;
  }
}
public class Program {
  public static void main(String[] args) {
    Person person = new Person("abc", 30, "male");
    System.out.println(person.name);
    System.out.println(person.gender);
    System.out.println(person.age);
 }
}
Output:
abc
male
30
```

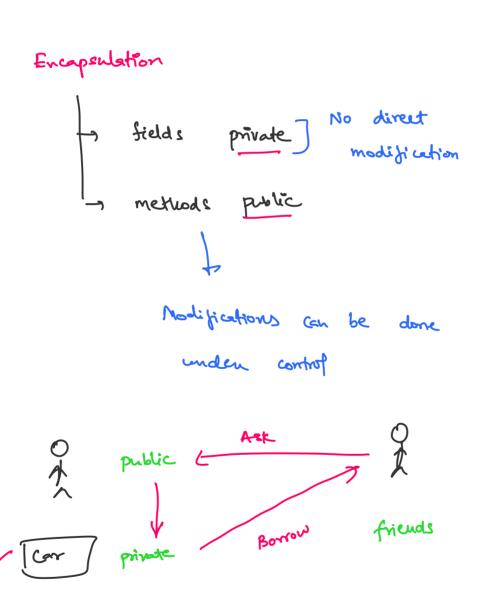
Encapeulation

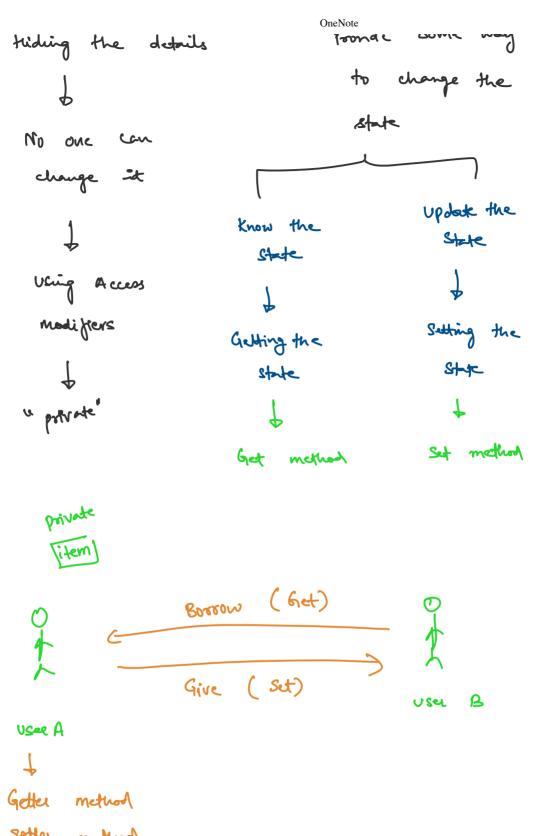
S Binds State and behavior
fogether

Variables

methods

O name = "abc" -> name = " my 3"





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