

Name: Vaishraaj D. Vadagave  
FRN - FRN-14J0225/010

Assignment - 1 (oops)

Date :

Page No.

Roll No.

\* Abstraction \*

- ① Abstraction is nothing but selective ignorance, means selecting necessary attributes & ignoring remaining attributes.
- ② Abstraction is nothing but selective ignorance, means selecting necessary attribute & ignoring remaining attributes.
- ③ Abstraction is nothing but Selective ignorance means selecting necessary attribute & ignoring remaining attribute.
- ④ Abstraction is nothing but selective ignorance means selecting necessary attributes & ignoring remaining attribute.
- ⑤ Abstraction is nothing but selective ignorance means selecting necessary attributes & ignoring remaining attribute.
- ⑥ Abstraction is nothing but selective ignorance means selecting necessary attributes & ignoring remaining attributes.
- ⑦ Abstraction is nothing but selective ignorance means selecting necessary attribute & ignoring remaining attributes.

- ⑧ Abstraction is nothing but selective ignorance means selecting necessary attribute & ignoring remaining attributes.
- ⑨ Abstraction is nothing but selective ignorance means selecting necessary attribute & ignoring remaining attributes.
- ⑩ Abstraction is nothing but selective ignorance means selecting necessary attribute & ignoring remaining attributes.

Examples →

①

User	
- ID, - Username	
- Email, - Password	
- IP address, Last login date, + Role, - address,	
- Account creation date.	
- status.	
website login	
Username, status password, Role	
Email, preferences, IP address, Account cre. date, are ignored only credentials & security status matters.	
Email Newsletter Subscription.	
Email preferences, role	
ID, Username, not password, address, Account creation date, Last login date are ignored. Authentication details are not needed for sending email.	

Date :

(2)	House	
	- Address, no. of room, Year Built, Square footage, - Lot size, - Property Tax ID, Lot sale price, current owner, Roof type, School district, Foundation material.	
	Real Estate Search Portal	Property Tax Assessment system
	Address, Price, Year built, square footage, no. of rooms, School district.	Tax ID, Address, square footage, Year built, lot size, Foundation material.
	TAX ID, owner name, roof type, foundation material, lot size, are ignored, the buyer need general property details.	Bedrooms, lot size, Price, owner, school district, roof type are ignored.
(3)	Person	
	- Name, email, age, blood group, gender, height, weight, address, mobile no, - Job profile, OOB, Aadhar no, nationality, - marital status, year of experience, income, - physical disabilities, Highest education, - Graduation year, Past surgeries, emergency contact.	
	Employee Dashboard System	Hospital Management system.
	- name, email, Age, - gender, mobile no, OOB, Aadhar no, - job profile, years of experience, income, - highest education, - address, nationality, - Blood group, emergency contact.	- name, email, age, - gender, mobile no, - OOB, Aadhar no, - job profile, blood group, Height, weight, physical disabilities, marital status, address, - past surgeries
	Height/weight, marital status, Past surgeries have been ignored.	income, year of experience, highest education, graduation, nationality are ignored.

(4)

### Social Post.

- Post ID, Author ID, content text, Date/Time, no. of likes
- Likes, no. of shares, location, Tags,
- Attached media URL, visibility status,
- Hashtags, total no. of views.

### User's main feed display

- Post ID, Author ID,
- content text, Date/Time
- no. of likes, no. of shares
- Hashtags, attached media URL.

Location, tags, total no. of views, visibility status are ignored.

It focus on post engagement content.

### Content moderation queue.

- Post ID, Author ID, content text, Attached media URL, visibility status, location, Tag, Date/Time

No. of likes, no. of shares, Hashtags, total no. of views are ignored.

(5)

### ATM

Machine ID, Location, Software Version, Hardware Component (screen, printer), Network Status, Cash Inventory levels, Transaction logs, Last Service Date,

### Customer transn interface

Machine ID, Location, cash inventory levels, transaction logs, Software version, Hardware component, network status, last service date, are ignored, because customer only interact with fun, not internal parts.

### Backend maintenance system

Machine ID, Software Version, Hardware components, network status, last service date, cash inventory level.

Location, transaction log are ignored.

Maintenance is focus on machine is physically & digitally operational.

Date :

**Page No.**

**Roll No.**

⑥	Bank Account.	
	Account no, Account Holder Name, Current Balance, Account Type, Interest Rate, Overdraft limit, Transaction History, Branch Location, Security PIN.	
	mobile App Balance View	Automated overnight Investment Calculation
	Account no, Account Holder Name, Account Type, Current Balance	Batch Job.
	Interest rate, overdraft limit, transaction history, location, security PIN are ignored.	Account holder name, PIN, overdraft limit, transaction history, location, are ignored only balance & interest rate req. for calcn.

Restaurant.

Table number, seating capacity, status (occupied, free, cleaning), current server ID, reservation time, location (window, booth, patio), last service time, maintenance status, current guest count.

Hostess Seating Mgmt Table no, seating capacity, status, reservation time, current guest count.	Server tip calculation. Table no, current server ID, status, last service time, current guest count.
current server ID, location, last service time, maintenance status are ignored, bcz its priority is also - calting capacity based on availability of reservation.	Seating capacity, reservation time, location, maintenance status are ignored.