Course: SE1001 Introduction to Software Engineering.

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Assignment no 1

Department of Computer Science

1st Question:

Why option B?

First and foremost, "you must make up your mind on this matter. Start with refusal. It shows that you are not okay with working on something unethical.

Then explain your every concern to the individual to whom you are accountable. If you are not directly in connection with the client, then it's not your place to show problems directly to the client.

Follow the hierarchy of the office and answer your supervisor.

But if you are dealing with the client, state the concerns to all the office's stakeholders that you are uncomfortable working on it. Then, once they've gained their trust and confidence, only then present the circumstances to the client with full assurance and confidence.

Why not Option A?

Because it is an unethical act to do regardless of your profession. It will make one an accessory in a crime of Invalid someone's privacy

Why not Option C?

You will likely face ethical dilemmas if your supervisor has different moral values, views, and objectives. Your supervisor will think you are overreacting.

Why not Option D?

It is unethical to negotiate with someone whose intention is wrong. What if it's just your suspicion, you must not take this risk. Working on immoral projects will sabotage your professional career if your reputation gets ruined.
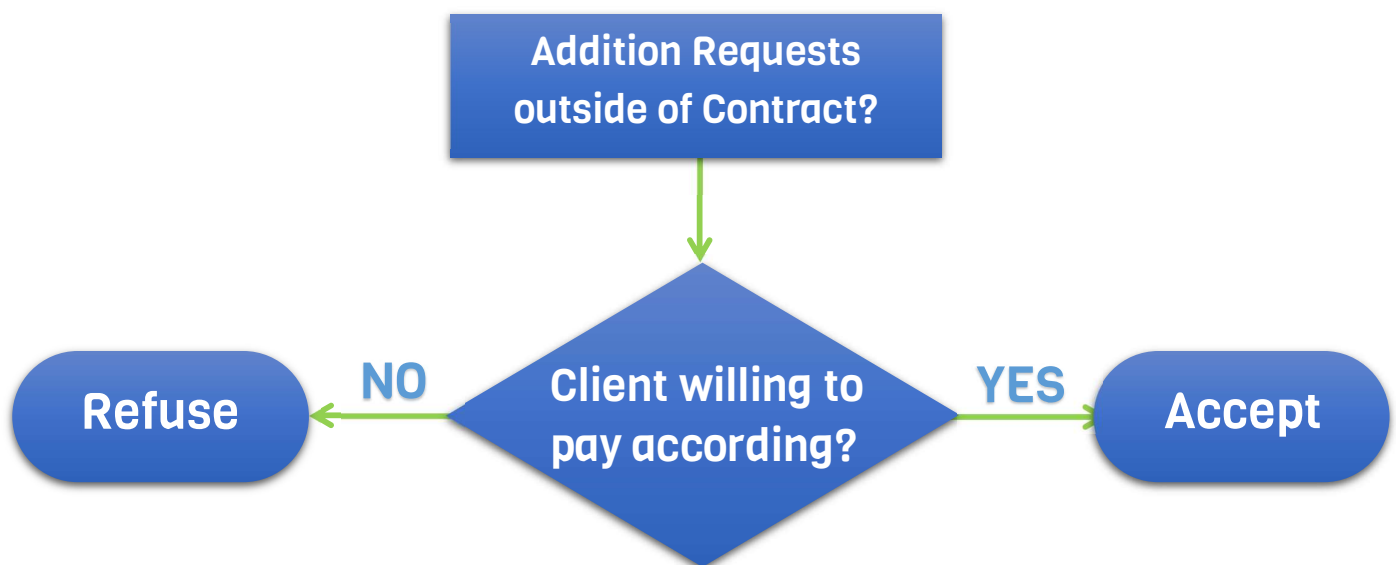
2nd Question

Why option C?

Consult with all stakeholders, including the IT department, the doctor, and other relevant departments.

If everyone agrees on it. Because as a developer or a software house, your goal is to work according to the client's demands and instructions and charge them accordingly.

So it's a two-way bridge. If the update is acceptable and the client is willing to bear the expense of the change or the requested feature, only in that condition proceed with the update.

Do not do free stuff. Because if you do one thing for free, the client will ask you to do more stuff for free as it's the client's right.

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                    ┌─────────────────────┐
                    │  Addition Requests  │
                    │  outside of Contract? │
                    └─────────────────────┘
                               │
                               ▼
                            ◆ Client willing to ◆
            Refuse  ◄── NO ──   pay according?   ── YES ──►  Accept
```

There was a quote our project manager used to say:

"If you promise ten, then deliver twenty."

Why not Option A?

Show your client that you are not respecting their concerns or requests. You are just going to mess up the contract. If you commonly annoy the client in the development process, they might give the maintenance contract to someone else.

Why not Option B?

It's a good approach but not the best one. It can mess up the whole process, and it will cost something. You have to keep the timeline of the project in mind. Budget and every other aspect of the project, so hold your horses.

Why not Option D?

Delaying things means that if you leave it too long, it may be impossible to resolve the difficulties. Because if you are going to do it, it will change the project plan accordingly, so Kaal Kare So Aaj Kar.

3rd Question:

Tried my best to understand and learn the question no 3.