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Questions:

1. Give five types of web applications. Explain each type.

The online world is packed with web apps, known as web applications, or even just web apps. They are actually the web-based ones you can access using your browser and without any download needed. There are many kinds: Contrary, static web apps are applied in situations when there is not a necessity of dynamic element like inventory, which is frequently updated. Dynamic web apps feature more complexity and they reflect the changes in immediately apparent – it can be online banking or social media. The single-page apps give a feeling of the native apps loading everything faster at the same time this is inadequate for the smooth experience. These may not be memorable after all unlike that pen you have. It is the online version of the to-do tasks. Tis are nearebly the progressive web apps that can work without internet and even offline. Also, electronic portals, like a university website where students can access grades, timetables, and more, have a great impact at the end of the day.

2. What is the difference between web application and website?

You'll find that websites and web apps overlap a lot, but there is a clear divide in that regard. Websites usually remain in the nature of being only like online electronic flyers demonstrating one or more firms' products and services. You can simply check the information, there is no need to speak like in the interactive classes. Unlike web pages where you just enjoy a web content, web apps are the more complex internet applications which you interact with in the browser. Besides the ability to edit documents and manage tasks, some web apps let you play games without using a computer or browser, but browser window.

3. What is your experience in cloud application development? What are the disadvantages of cloud application?

During the period of using GCP for the purposes of a student, for cloud application development, I mostly studied GCP's capabilities to make projects and assignments with the assistance of this cloud platform. Though GCP provides a wide variety of benefits such as easy integration with Google products, less complicated deployment model and access to scalable resources yet , one should always be alert to the disadvantages when using it. Some difficulties may be caused by the problems of unreliable internet connection and cloud computing services for instance, with other things like security issues arising from a student's lack of adequate experience in security implementation, cost trouble within fixed student budget, and difficulty in learning the GCP ecosystem. On top of these obstacles the GCP environment provides the valuable learning chance which allows better understanding of cloud native approach to developing as well as practical working with the leading industry tools. For a student, it is very important to study the pros and cons of the mentioned options, practice the same using documentation & tutorials and go hand in hand with peers to combat the hindrances & get the most out of the platform.

4. What are the benefits of cloud application? Elaborate the impact of the overall functionality of cloud applications in the business.

The triple-decker application of the sky is definitely worth naming your cause!This is where virtualization comes into the picture. Using virtualization, the need to install software on computers' disks is replaced by storing data on the remote servers. This fact itself really means a lot for enterprises. Think of working remotely and accessing company records wherever you are, regardless of what device you are using - that is the magic of the cloud applications. This decreases miscommunication and error through collaboration. On the other side, cloud providers take away the need for updating servers and security, letting the IT team focus on different tasks. Conclusively, the cloud apps act as the manager of the process, enhance vaut well as the convenience, and staff to do their jobs while on the run, respectively.

5. Differentiate web application and cloud application.

While web flows and cloud applications are frequently utilized side by side, there still is a little discrepancy between the two terms. A web application can be a cloud application, which implies the fact that it runs on the servers in the cloud that is acessible fomr anywhere by the user's web browser. Yet, it's not a compulsion for a web app to live in the cloud – it might as well be on a company's own hardware/servers. However, as another definition a cloud application itself is an application which is hosted in the cloud and accessed remotely.

6. References

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