**OKAFOR HUMPHREY IKECHUKWU**

**2021/HND/33802/CS**

**HND II COMPUTER SCIENCE**

**WEEK 2**

**Question 1**

**In a tabular form distinguish between web1, web2 and web3**

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| **WEB 1** | **WEB 2** | **WEB 3** |
| Static websites with limited interactivity. | User-generated content and active participation.  Personalization and customization. | Decentralization and distributed architectures. |
| Centralized content creation and maintenance. | Social media platforms, blogs, forums, and online communities. | Improved data privacy and user control over personal data. |
| Lack of user-generated content. | Rich user experiences with multimedia content. | P2P networks and decentralized storage. |
| Limited social interaction and collaboration. | Mobile apps and responsive web design. | Machine-readable content for enhanced understanding. |
| Information retrieval-focused browsing experience. | Cloud-based services and web applications. | Smart contracts and decentralized applications (dApps). |
| Examples: Early websites, online directories, basic e-commerce. | Examples: Facebook, Twitter, YouTube, WordPress, online marketplaces. | Examples: Blockchain-based platforms like Ethereum, decentralized social networks like Mastodon, IPFS (InterPlanetary File System). |