

**The University of Zimbabwe**

**Faculty of Computer Engineering, Informatics and Communications**

**Department of Analytics and Informatics**

|  |  |  |
| --- | --- | --- |
| **Name** | **Reg number** | **Programme** |
| Talent C Mundwa | HDS | R223594J |
| Shania KT Ruwende | HDS | R223747S |
| FADZAI CHOWA | HDS | R223629Y |
| Evidence Majabvu | HDS | R223597V |
| Anesu J Mugumo | HDS | R223722G |
| Aloisia Chingombwe | HDS | R223623L |
| Dilane Dumba | HDS | R223626E |
| Miracle Mitileni | HDS | R223677N |
| Prince Mbishi | HDS | R223632M |
| Tinashe L Mugari | HDS | R228206D |
| Tawananyasha N Chinembiri | HDS | R223784U |
| Asher T Livha | HDS | R223619V |
| Blessed T Mutsigwa | HDS | R223657H |
| Carlson Mashumba | HDS | R217122Y |

2.  Explain the use of XML in web development.

XML plays a vital role in the current field of web development, serving as a valuable tool for distributing information on the web. Similar to HTML, XML is utilized for formatting documents within web browsers. It is a powerful and effective means of processing a document's content, allowing the creation of custom tags. XML is compatible with various operating systems and offers a high degree of flexibility, which is crucial in the context of web development.

Applications:

1. XML is employed to separate data from presentation.

2. XML is utilized for storing and transporting data.

3. XML aids in segregating data from HTML.

4. XML data is stored in a text format, facilitating easy expansion or transition to new operating systems, applications, or browsers without data loss.

5. XML can be leveraged to develop new internet languages, such as XHTML and WSDL.