

JAVA INSTITUTE FOR ADVANCED TECHNOLOGY

Department of Examinations



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| COURSE(S) – (LEADING TO) | PROFESSIONAL DIPLOMA IN SOFTWARE ENGINEERING |
| UNIT NAME | WEB PROGRAMMING 1 |
| UNIT ID | H7DT 04 |
| ASSIGNMENT ID | H7DT 04/AS/01 |
| DESCRIPTION | DESIGN A STATIC WEBSITE USING HTML AND CSS (THIS ASSIGNMENT IS INTENDED TO CHECK THE KNOWLEDGE OF HTML AND CSS) |
| DURATION | 2 WEEKS |
| WORD COUNT | - |
| SUBMISSION VIA | ONLINE (STUDENT PORTAL) |
| DOCUMENT FORMAT | MICROSOFT WORD OFFICE DOCUMENT |

GUIDE LINES FOR CANDIDATES

- Students are expected to use reference books, the Internet, journals and other similar sources in order to accomplish the task specified above.
- Students are expected to refrain from repeating any content in their research document.
- Students will be penalised for any plagiarism.

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| NAME | : | (BLOCK CAPITALS) |
| ADMISSION NO | : | |
| NIC NO | : | |

Web Programming 01 – Design an e-commerce web application

“**New Tech**” is a company that buys and sells quality **electronic items**. At present they are using a customer care service to order items over the phone. At the Annual General Meeting of **New Tech** held on the 20th January 2022, they have decided to develop a Web Application to expand their selling rates. So, they have decided to call tenders from Software Development companies. Your company also have sent a tender and fortunately, New Tech has selected your company as their software developer. According to the contract your company has to develop a fully functional, e-commerce web application.

As the first step you have to complete the design in a week.

You have to design,

- A Customer Login and Registration page.
- Home page
- Product listing and single product view.
- Cart and Watchlist.
- Purchased History and Invoicing.
- Product adding and updating
- Advanced search
- Admin Sign in.
- Admin Panel
- Manage Products and Manage Users

You have to use input fields, dropdowns, buttons, checkboxes, radio buttons, navbars and sliders when you design the above-mentioned pages.

Note:

- Use HTML, CSS, Bootstrap, JavaScript for your design.
- You can use bootstrap components for the design.
- Do not use templates for your design. You have to make the design by yourself.
- You can add more pages for the design if you want.
- Students do not need to program for the backend process. Only the design is required.