

**DEPARTMENT OF DATA SCIENCE & CYBER SECURITY**

**II CSD-B Mini Project**

**A.Y. 2023-2024**

**Date:04-04-2024**

<b>Domain / Areas</b>	DATA SCIENCE
<b>Title of the Project</b>	<b>WEB DATA EXTRACTION FROM WEBSITES</b>
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<b><u>ABSTRACT:</u></b>  Web scraping, a dynamic technique, has emerged as an indispensable tool for gathering structured information from websites and online sources. Web scraping encompasses a wide range of automated data extraction methods that enable users to access and collect data from websites and web applications. These techniques involve parsing the HTML, XML, or other structured data formats of web pages to extract specific information, such as text, images, links, and more. Web scraping plays a pivotal role in the digital age, offering unprecedented access to valuable data for research, business, and decision-making purposes. As the digital frontier continues to expand, web scraping remains a powerful tool for unlocking insights and opportunities from the vast online ecosystem. Web scraping should be conducted ethically and within legal boundaries. Some websites explicitly prohibit web scraping in their terms of service and scraping sensitive or personal data without consent is illegal in many jurisdictions. Web scraping is a powerful tool for collecting and utilizing data from the web.	
<b>Software/Hardware Needs</b>	Python, HTML, CSS, VS Code.

**Signature of the Incharge**

**Signature of the HOD(CS&DS)**