Implementation Detail Plan

(Project: Web Scrapping Tool)

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Sprint	Weeks	Implementation Detail
Sprint 1 (Scope ,research and installation of tools)	Week 1	In this week we will define the scope of our project and gaining information about existing tool. What kind of data do we want to scrape? From what websites? What will we do with the scraped data?
	Week 2	In this week we will choose a programming languages and then install necassry libraries and tools for web scrapping
Sprint 2 (Designing user interface)	Week 3	In this week we will complete 50% of our user interface.
	Week 4	In this week we will complete our remaining 50%of user interface so that it will be easy to engage by user
Sprint 3 (Selectors finding and integration)	Week 5	In this week we will connect our web scraping tool to a backend system. Once we have integrated our web scraping tool with a backend system,we can start scraping data and storing it in the backend system.
	Week 6	In this week we will involves identifying the HTML elements that contain the data we want to scrape. Inspecting the HTML, CSS, and JavaScript code of a web page to understand how it works and to identify the elements we need to scrape

Sprint 4 (Iframe loading and element selection.)	Week 7	In this week we will create web pages that can be loaded into other web pages.
	Week 8	In this week we will identify and inspect the working of element selectors
Sprint 5 (sending data from frontend to backend and learning python)	Week 9	Once you have scraped the data from the web, you need to send it to your backend. This can be done using a variety of methods, such as HTTP requests, WebSockets, or messaging queues.
	Week 10	In this week we will learn all necessary concept of python which will be necessary for web scrapping tool
Sprint 6 (BS4& Scrapping website)	Week 11	In this week we will BS4 to parse the HTML of the web page we want to scrape.We will use CSS selectors or XPath expressions to select the elements that contain the data we want to scrape.
	Week 12	In this week we will work on Sending a request to the website we want to scrape.Parse the HTML of the response and extract the data we want to scrape from the parsed HTML.
Sprint 7 (Backend to frontend& Showing data on frontend)	Week 13	In this week we will Prepare the data in a format that can be understood by the frontend. Send the data to the frontend using a method such as HTTP requests, WebSockets, or messaging queues.
	Week 14	Handle any errors that may occur while sending the data and then showing data on frontend
Sprint 8 (Deployment & Review)	Week 15	Prepare the project for deployment, ensuring all components are properly configured and optimized.
	Week 16	Deploy the system to a live environment, monitor its performance, conduct a project review to assess its success and identify areas for future enhancement.