### **Website Recommendation Agent (Search/WebsiteUrl\_Agent) Analysis**

This table breaks down the files and functions responsible for finding official website URLs for a given company.

| **File** | **Function/Method Name** | **Input Parameters** | **Output [Datatype]** | **Comments** |
| --- | --- | --- | --- | --- |
| **agent\_prompts.py** | instruction (variable) | N/A | str | Contains the detailed prompt for the LLM. It strictly instructs the agent to use Google Search, find up to 7 official URLs, and return them in a clean, Python-style list format with no extra text. |
| **agent\_prompts.py** | description (variable) | N/A | str | A high-level description of the agent's purpose. |
| **agent.py** | search\_agent (variable) | model, name, description, instruction, tools | Agent instance | Defines the agent itself. It's configured with the Gemini model, the prompts from agent\_prompts.py, and is given access to the google\_search tool. |
| **agent\_runner.py** | extract\_list\_from\_string | s: str | list or None | A utility function to parse the raw text output from the agent. It uses regular expressions to find the list within the text and json.loads to convert it into a Python list. |
| **agent\_runner.py** | get\_urls | company\_name: str, runner, user\_id, session\_id | list | **The main entry point for the agent.** This asynchronous function takes a company name, runs the search\_agent, captures the final text response, cleans it of any markdown formatting, and parses the string into a list of URLs. |