

Introduction

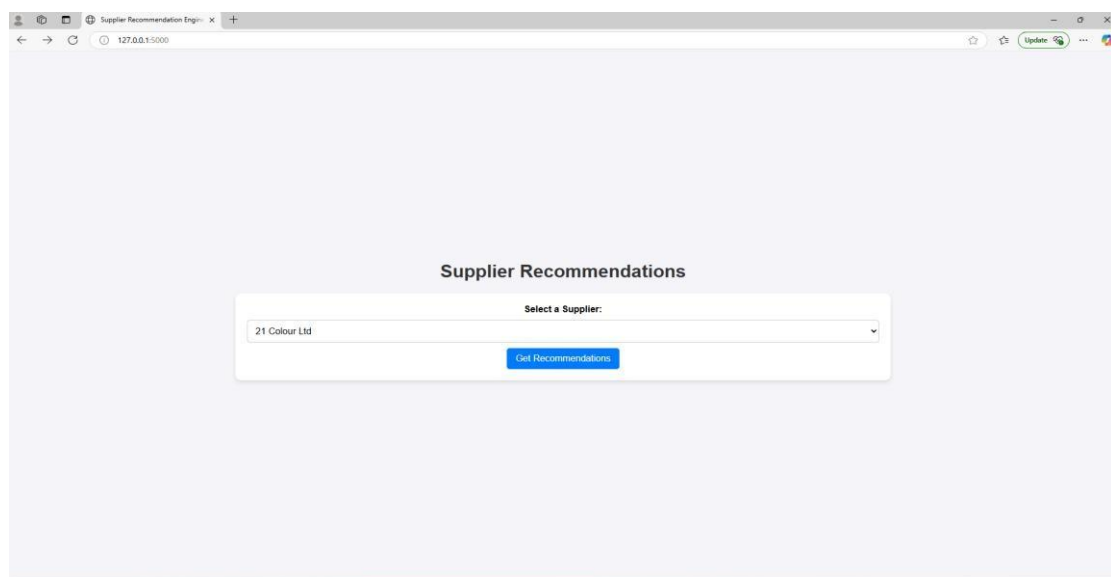
The **Supplier Recommendation System** is designed to help users find the best suppliers based on their needs. The system allows users to select a supplier and receive relevant recommendations in an easy-to-use interface.

Accessing the Website

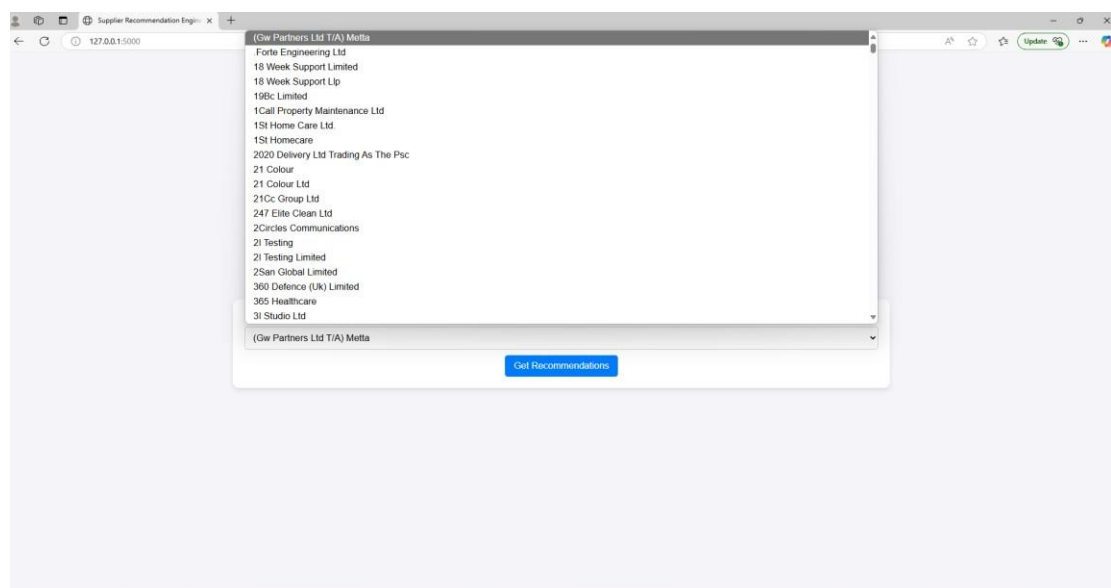
To use the Supplier Recommendation System, open a web browser and navigate to the application's URL. The homepage provides access to the recommendation tool.

Using the System Home Page (Supplier Selection)

- The homepage displays a dropdown list of available suppliers.



- Select a supplier from the dropdown menu.

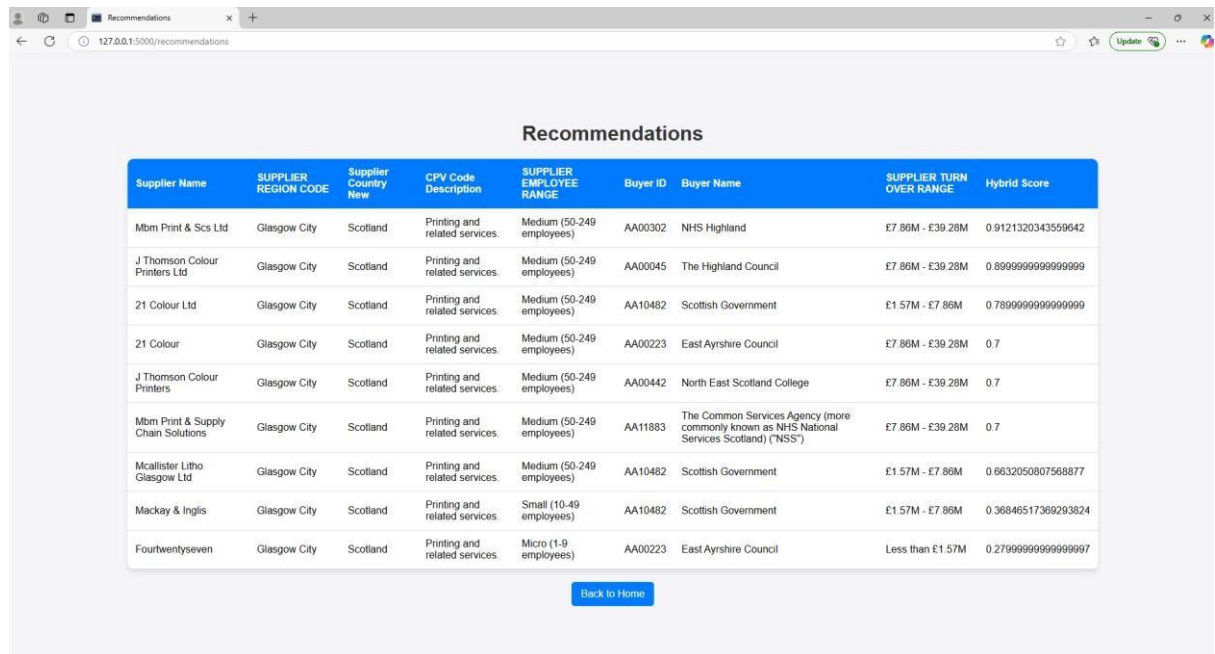


- Click the **"Get Recommendations"** button to generate relevant supplier recommendations.

2. Recommendations Page

- If recommendations are available, they will be displayed in a table format.

Selected Supplier: **21 Colour Ltd**

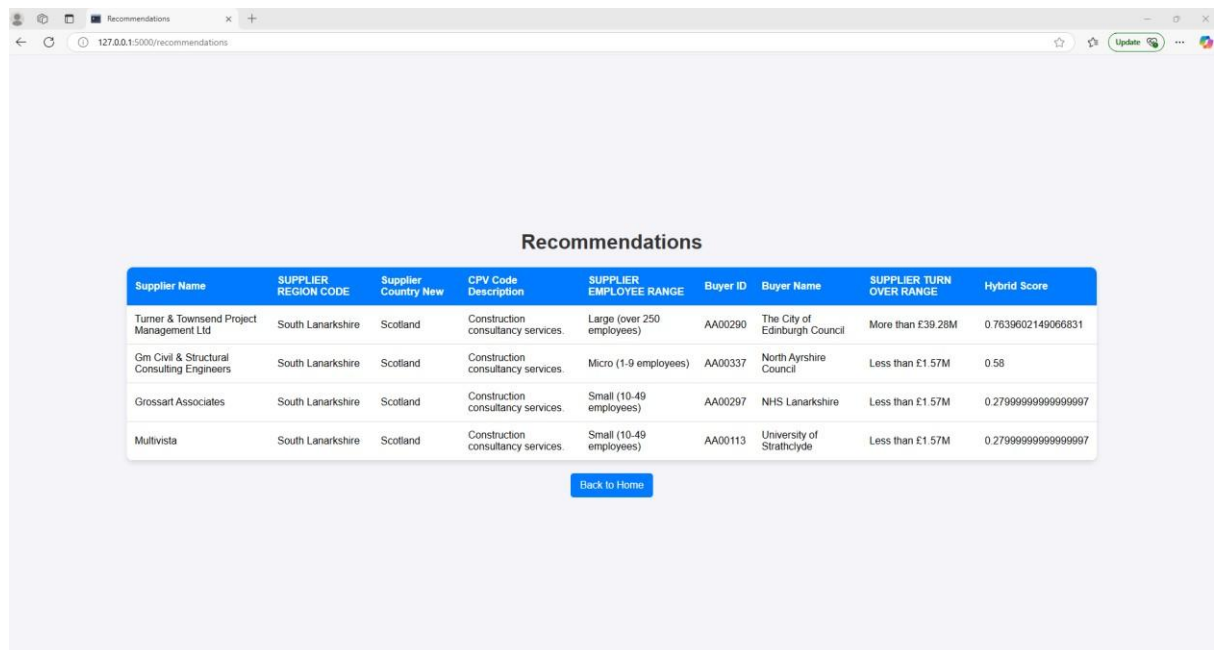


The screenshot shows a web browser window with the URL 127.0.0.1:5000/recommendations. The page title is "Recommendations". Below the title is a table with 9 columns: Supplier Name, SUPPLIER REGION CODE, Supplier Country New, CPV Code Description, SUPPLIER EMPLOYEE RANGE, Buyer ID, Buyer Name, SUPPLIER TURN OVER RANGE, and Hybrid Score. The table contains 10 rows of data. Below the table is a "Back to Home" button.

Supplier Name	SUPPLIER REGION CODE	Supplier Country New	CPV Code Description	SUPPLIER EMPLOYEE RANGE	Buyer ID	Buyer Name	SUPPLIER TURN OVER RANGE	Hybrid Score
Mbm Print & Scs Ltd	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA00302	NHS Highland	£7.86M - £39.28M	0.9121320343559642
J Thomson Colour Printers Ltd	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA00045	The Highland Council	£7.86M - £39.28M	0.8999999999999999
21 Colour Ltd	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA10482	Scottish Government	£1.57M - £7.86M	0.7899999999999999
21 Colour	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA00223	East Ayrshire Council	£7.86M - £39.28M	0.7
J Thomson Colour Printers	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA00442	North East Scotland College	£7.86M - £39.28M	0.7
Mbm Print & Supply Chain Solutions	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA11883	The Common Services Agency (more commonly known as NHS National Services Scotland) ("NSS")	£7.86M - £39.28M	0.7
Mcallister Litho Glasgow Ltd	Glasgow City	Scotland	Printing and related services.	Medium (50-249 employees)	AA10482	Scottish Government	£1.57M - £7.86M	0.6632050807568877
Mackay & Inglis	Glasgow City	Scotland	Printing and related services.	Small (10-49 employees)	AA10482	Scottish Government	£1.57M - £7.86M	0.36846517369293824
Fourtentyseven	Glasgow City	Scotland	Printing and related services.	Micro (1-9 employees)	AA00223	East Ayrshire Council	Less than £1.57M	0.2799999999999999

[Back to Home](#)

- Selected Supplier: **Gm Civil & Structural Consulting Engineers**



The screenshot shows a web browser window with the URL 127.0.0.1:5000/recommendations. The page title is "Recommendations". Below the title is a table with 9 columns: Supplier Name, SUPPLIER REGION CODE, Supplier Country New, CPV Code Description, SUPPLIER EMPLOYEE RANGE, Buyer ID, Buyer Name, SUPPLIER TURN OVER RANGE, and Hybrid Score. The table contains 5 rows of data. Below the table is a "Back to Home" button.

Supplier Name	SUPPLIER REGION CODE	Supplier Country New	CPV Code Description	SUPPLIER EMPLOYEE RANGE	Buyer ID	Buyer Name	SUPPLIER TURN OVER RANGE	Hybrid Score
Turner & Townsend Project Management Ltd	South Lanarkshire	Scotland	Construction consultancy services.	Large (over 250 employees)	AA00290	The City of Edinburgh Council	More than £39.28M	0.7639602149066831
Gm Civil & Structural Consulting Engineers	South Lanarkshire	Scotland	Construction consultancy services.	Micro (1-9 employees)	AA00337	North Ayrshire Council	Less than £1.57M	0.58
Grossart Associates	South Lanarkshire	Scotland	Construction consultancy services.	Small (10-49 employees)	AA00297	NHS Lanarkshire	Less than £1.57M	0.2799999999999999
Multivista	South Lanarkshire	Scotland	Construction consultancy services.	Small (10-49 employees)	AA00113	University of Strathclyde	Less than £1.57M	0.2799999999999999

[Back to Home](#)

- The table includes multiple columns with relevant supplier details.
- If no recommendations are available, a message will be displayed.

- Click "**Back to Home**" to return to the supplier selection page. **Features**
- **User-Friendly Interface:** The system is designed with a clean and responsive layout for easy navigation.
- **Supplier Selection:** Users can quickly choose a supplier from the dropdown list.
- **Recommendation Table:** The results are presented in a structured table for clarity.
- **Navigation:** Users can return to the homepage at any time. **Troubleshooting**
- If the recommendation table is empty, ensure that valid supplier data is available.
- If the page does not load properly, try refreshing the browser or clearing cache.

Contact Support

For assistance, please contact the Elcom Data Analytics team.

Note: This is a test/prototype site, and the final look and feel will vary after integration. Additionally, development efforts will be required from both CXAIR and Elcom teams.