

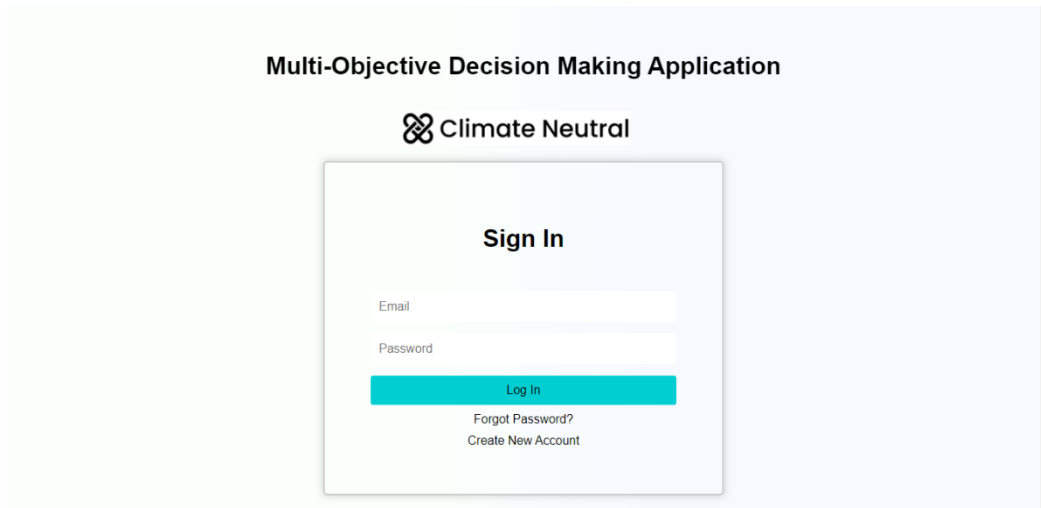


## USER MANUAL

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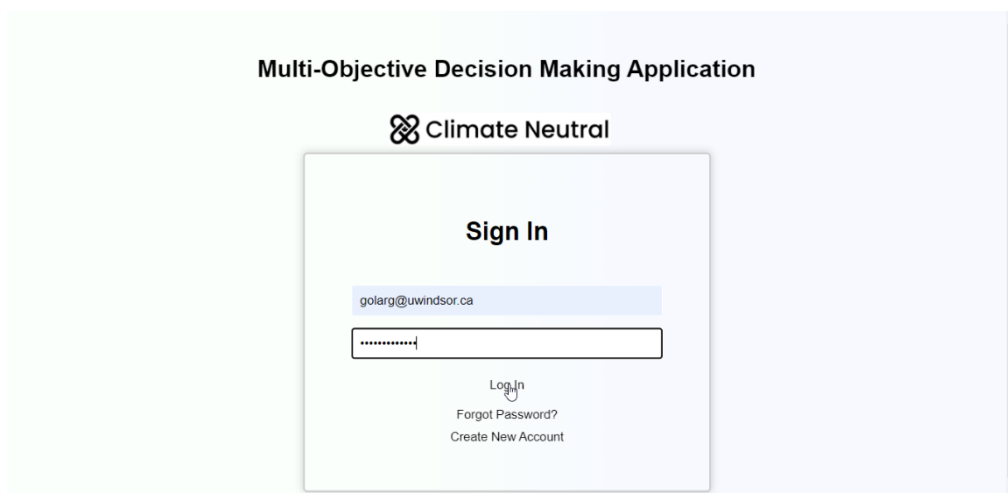
## 1. LOGIN/SIGNUP

**Step 1.1.** User is prompted to either login, create new account or reset their password for account recovery.



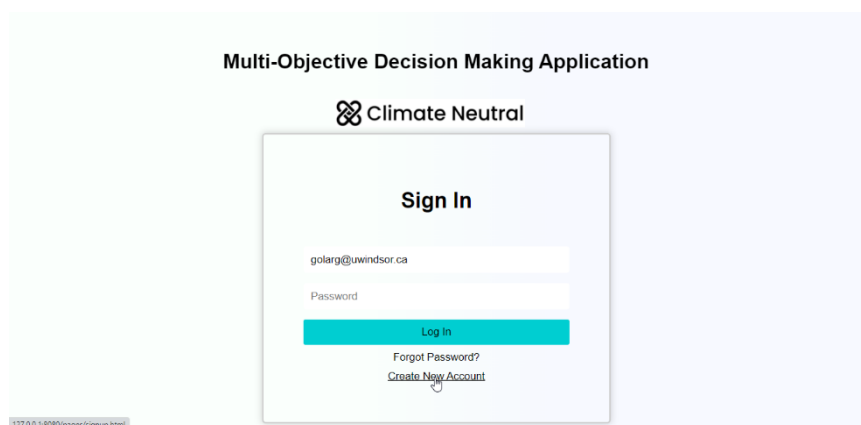
The screenshot shows the login page of the 'Multi-Objective Decision Making Application' by 'Climate Neutral'. The page has a light blue background. At the top, the title 'Multi-Objective Decision Making Application' and the 'Climate Neutral' logo are displayed. Below this is a white box titled 'Sign In'. Inside the box, there are two input fields: 'Email' and 'Password'. Below the 'Password' field is a red 'Log In' button. Under the button are two links: 'Forgot Password?' and 'Create New Account'.

**Step 1.2.** If the user has an existing account and registered, then the user can directly login by entering their credentials as shown below:



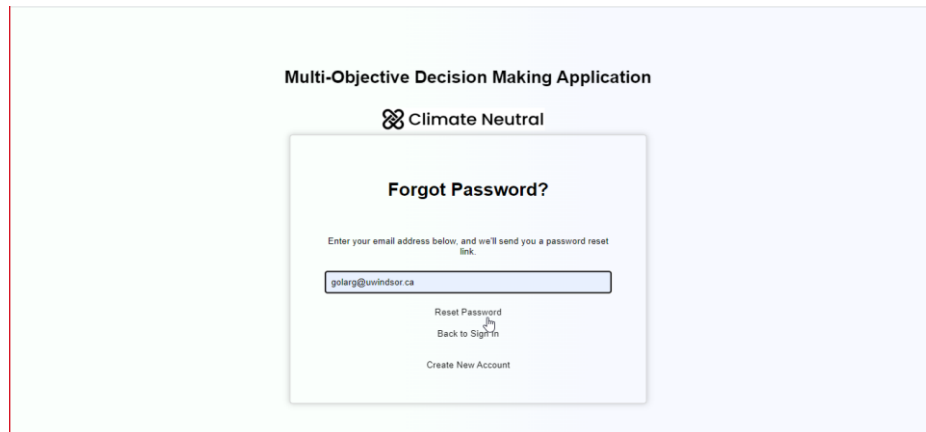
This screenshot shows the same login page as Step 1.1, but with the email 'golarg@uwindsor.ca' entered in the 'Email' field and a masked password '\*\*\*\*\*' in the 'Password' field. The 'Log In' button is now highlighted with a mouse cursor, indicating it is the next step in the process.

**Step 1.3.** Or in-case user is not registered, then they can create new account by clicking on:



This screenshot shows the login page with the 'Create New Account' link highlighted by a mouse cursor. The email field contains 'golarg@uwindsor.ca' and the password field is masked with '\*\*\*\*\*'. The 'Log In' button is still visible and highlighted.

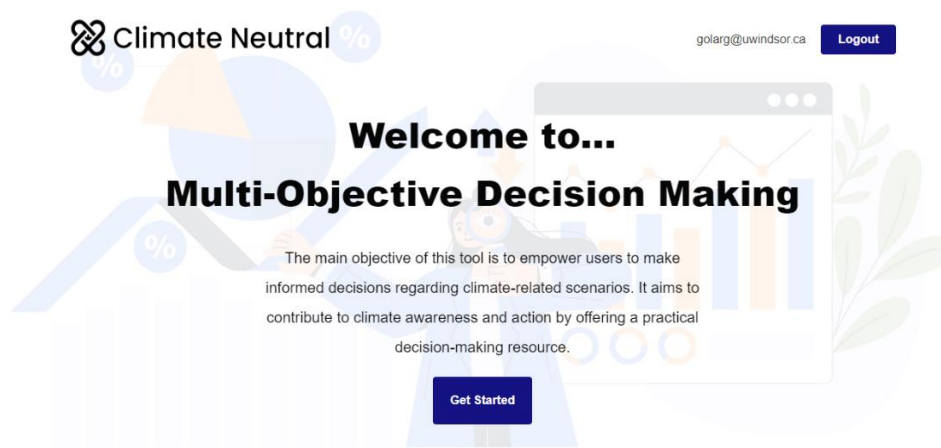
**Step 1.4:** In case the user forgot their account password they can recover the account by clicking on “forgot password”



The screenshot shows a web application titled "Multi-Objective Decision Making Application" with the "Climate Neutral" logo. A central box titled "Forgot Password?" contains the instruction: "Enter your email address below, and we'll send you a password reset link." Below this is a text input field containing the email "golarg@uwindsor.ca". At the bottom of the box are three links: "Reset Password" (with a right-pointing arrow), "Back to Sign In", and "Create New Account".

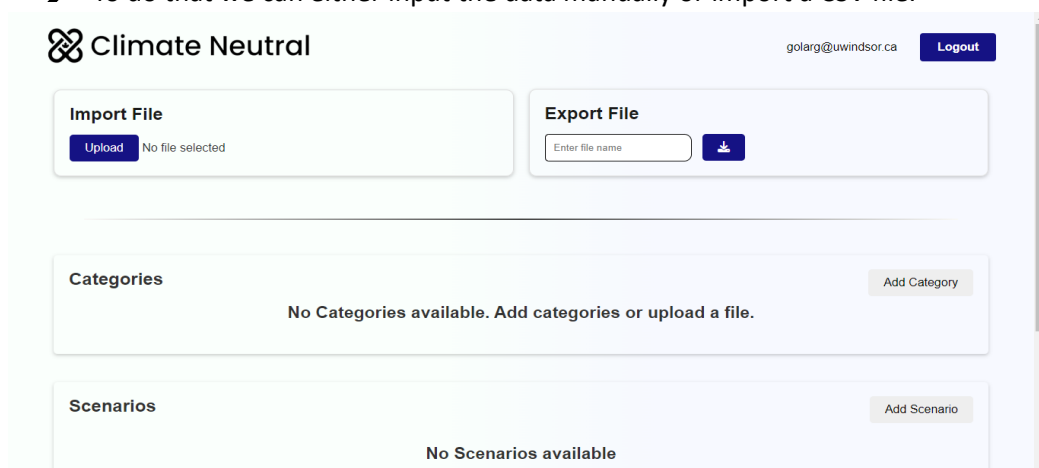
## 2. Welcome screen

**Step 2.1:** User can choose to proceed to dashboard page or can logout if they want to



## 3. Dashboard

**Step 3.1:** In correlation to the categories scenarios are generated (best case and worst case).  
➔ To do that we can either input the data manually or import a CSV file.



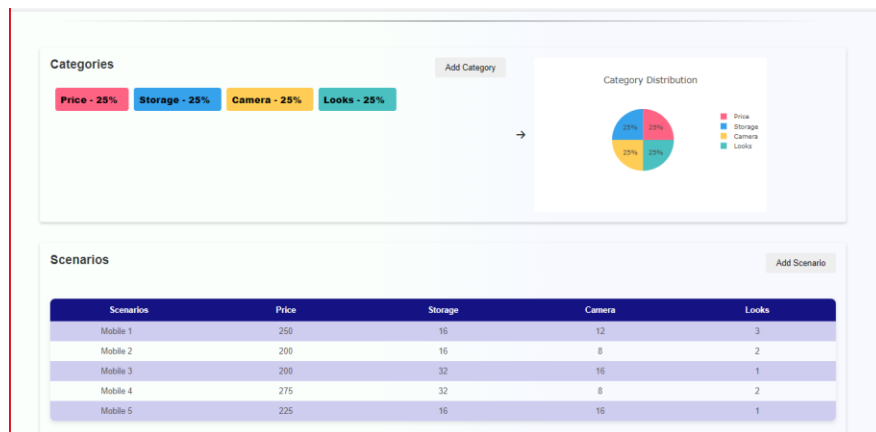
The screenshot shows the dashboard of the "Climate Neutral" application. The header includes the logo and a user profile section with the email "golarg@uwindsor.ca" and a "Logout" button. The dashboard is divided into several sections: "Import File" with an "Upload" button and the text "No file selected"; "Export File" with a text input field "Enter file name" and a download icon; "Categories" with the text "No Categories available. Add categories or upload a file." and an "Add Category" button; and "Scenarios" with the text "No Scenarios available" and an "Add Scenario" button.

### Step 3.2: Generating scenarios by importing a CSV file.

➔ File imported:

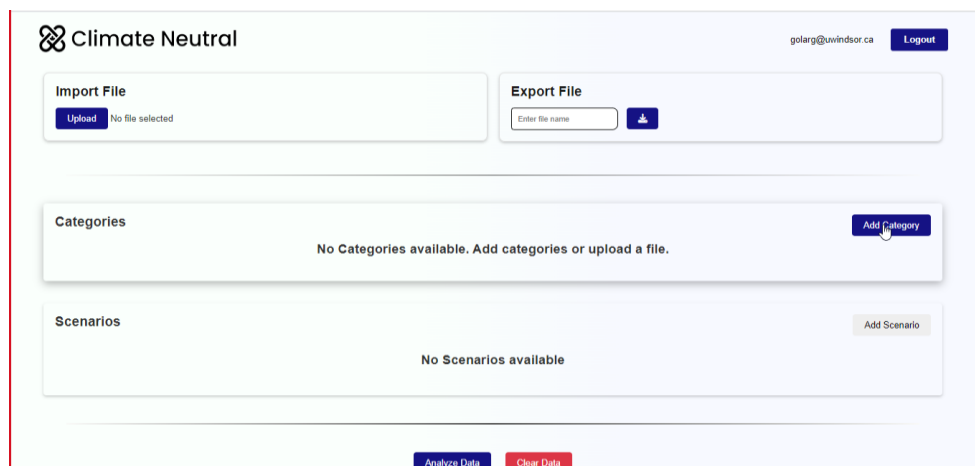
	A	B	C	D	E	F	G	H
1	Category	categoryN	categoryV	categoryD	evaluationType			
2	Category	Price	0.25	positive	numerical			
3	Category	Storage	0.25	positive	numerical			
4	Category	Camera	0.25	positive	numerical			
5	Category	Looks	0.25	positive	descriptive			
6								
7	Scenarios	scenarioN	Price	Storage	Camera	Looks		
8	Scenarios	Mobile 1	250	16	12	3		
9	Scenarios	Mobile 2	200	16	8	2		
10	Scenarios	Mobile 3	200	32	16	1		
11	Scenarios	Mobile 4	275	32	8	2		
12	Scenarios	Mobile 5	225	16	16	1		

➔ After importing we can view the scenarios and the categories mentioned in the file.



### Step 3.3: Manually importing the data.

#### Step 3.3.1: Click on “Add category”:



**Step 3.3.2:** Fill in the category in the pop-up model:

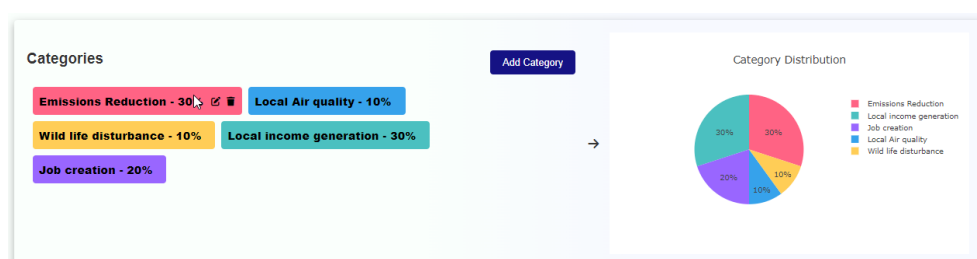
Category Name:

Category Weight:

Category Direction:

Category Evaluation Type:

**Step 3.3.3:** Make sure the category weight sums up to 100%. The categories can be edited or deleted by hovering over it.



**Step 3.3.4:** We can add scenarios:

Scenario Name:

Emissions Reduction:

Local Air quality:

Wild life disturbance:

Local income generation:

Job creation:

**Scenarios**

Scenarios	Emissions Reduction	Local Air quality	Wild life disturbance	Local income generation	Job creation
Construct Bike pathway	1000	60	3	100	5
Add bike lanes to road	200	100	1	60	3
Add vehicle traffic lane	-500	200	5	500	6

**Step 3.4:** The results will be shown after clicking “analyse data” button:

Ranking Table (Best to Worst Deal Scenario)					
Category	Emissions Reduction	Local Air quality	Wild life disturbance	Local income generation	Job creation
Add vehicle traffic lane	-500	200	5	500	6
Construct Bike pathway	1000	60	3	100	5
Add bike lanes to road	200	100	1	60	3

➔ Along with the ranking table, the user can get the best- and worst-case scenario’s score.



## 4. EXPORT DATA

The user can export the data by clicking on “Export data”. User is prompted to enter filename before exporting:

Export File

Category							
	A	B	C	D	E	F	G
1	Category	categoryName	categoryWeight	categoryDirection	evaluationType		
2	Category	Emissions Reduction	0.3	negative	numerical		
3	Category	Local Air quality	0.1	negative	numerical		
4	Category	Wild life disturbance	0.1	negative	descriptive		
5	Category	Local income generation	0.3	positive	numerical		
6	Category	Job creation	0.2	positive	numerical		
7							
8	Scenarios	scenarioName	Emissions Reduction	Local Air quality	Wild life disturbance	Local income generation	Job creation
9	Scenarios	Construct Bike pathway	1000	60	3	100	5
10	Scenarios	Add bike lanes to road	200	100	1	60	3
11	Scenarios	Add vehicle traffic lane	-500	200	5	500	6

## 5. Logout

**Step 4.1:** The user can logout by clicking on “Logout” button.



## 6. Conclusion

You've completed this user manual's navigation! We hope that this guide will provide you with the necessary information to make the most out of our product. Please do not hesitate to contact our team for immediate assistance if you have any questions or encounter any difficulties.