Data Dictionary

No.	Term	Definition
1	User	Any person who visits the web application to utilise its services (i.e. to find a suitable waste bin to discard their specific type of waste).
2	System	The RecycleBean web application.
3	Username	The unique name attached to a user's account, chosen by the user at the time of registration. No two users can have the same username.
4	Navigation	Directions to the user's chosen waste bin location, which will be displayed along with a map.
5	Rating	The number of stars a user gives to a specific waste bin location based on the user's assessment on its qualities (e.g. accessibility, cleanliness).
6	Review	Text feedback that a user gives to a specific waste bin location based on the user's assessment on its qualities (e.g. accessibility, cleanliness).
7	Registration	A feature whereby a user signs up for a RecycleBean account using a chosen username and password.
8	Recycling History	A feature which shows a list of waste bin locations that the user had previously visited, as well as the type of waste they discarded there. Only users with accounts can access this feature.
9	Favourites	A feature which allows users to bookmark waste bin locations that they like or frequent. Users can retrieve a list of their favourite locations or remove favourites too. Only users with accounts can access this feature.
10	Image Recognition Model	A machine learning model that can identify objects from photographs and pinpoint the category of waste said object falls under (e.g. lighting, e-waste).
11	API	An Application Programming Interface that can enable RecycleBean to interact with other applications such as Google Maps.
12	Notification	A feature whereby an email is automatically sent to a user to inform them of changes in waste bin details or remind them to recycle. Only users with accounts can access this feature.
13	Global Positioning System (GPS)	Satellite navigation system used to determine the user's precise location.