

BE services	Service Description	Resource Description	Dependencies
Profile service	Stores the multiple user accounts	Username, password, account settings, email	None
Supermarket service	Maintains the supermarkets known by the app	Name, location	None

BE services	Service Description	Resource Description	Dependencies
Product service	Holds all existing products of all markets	Name, Price, Product image, producer, origin, details, additional_info	None
Category service	Holds all categories of all markets	Name	None

BE services	Service Description	Resource Description	Dependencies
News service	Obtains recent news	News text, header, image, journal	None
Statistics service	Obtains recent positive and negative statistics	Average consumption of meat, area associated with deforestation, Animal production, CH4 emission, CO2 emission, ...	None

BE services	Service Description	Resource Description	Dependencies
Saved Products service	Associates and stores user's saved products	User_id, List of saved products' ids	Profile, Product
Supermarket's catalog service	Maintains the list of products of supermarkets	List of products' ids and supermarket_id	Supermarket, Product

BE services	Service Description	Resource Description	Dependencies
Supermarket's product categories service	Maintains the list of categories of supermarkets	Supermarket_id, List of categories' ids	Supermarket, Categories
Rating Service	Stores user ratings, calculates the average of ratings	Number of stars (Rating), user_id, product_id	Profile, Product

BE services	Service Description	Resource Description	Dependencies
QRScan service	Relates QR codes to products' references	Qrcode, product_id	Product