BE Services	Requests	Response

Authentication Management	```
	"AuthenticationRequest":{
	  "required":[
	    "email",
	    "password",
	  ],
	  "type":"object",
	  "properties":{
	    "email":{
	      "type":"string",
	      "description":"Email with which the user logs into the app"
	    },
	    "password":{
	      "type":"string",
	      "description":"Password with which the user logs into the app"
	    }
	  }
	}
	``
		``
		"AuthenticationResponse":{
		  "type":"object",
		  "properties":{
		    "response":{
		      "type": "string",
		      "description": "Response in which says if the user has successfully logged in",
		      "example": "Successfully logged in"
		    }
		  }
		}
		``

Product Management	```
	"ProductRequest": {
	  "type": "object",
	  "properties": {
	    "product_id": {
	      "type" : "integer",
	      "description": "Unique identifier for the product",
	      "format": "int64"
	    }
	  }
	}
	``
		``
		"ProductResponse": {
		  "type": "object",
		  "properties": {
		    "product_id": {
		      "type" : "integer",
		      "description": "Unique identifier for the product",
		      "format": "int64"
		    },
		    "product_details_name": {
		      "type": "string",
		      "description": "Name of the product"
		    },
		    "product_details_price": {
		``

Product Management		`"type": "integer",`
		`"description": "Price of the product",`
		`"format": "int64"`
		`},`
		`"product_details_location": {`
		`  "type": "string",`
		`  "description": "Location of the supermarket that has the product"`
		`},`
		`"product_details_owner": {`
		`  "type": "string",`
		`  "description": "Name of the company that sold the product"`
		`},`
		`"product_details_origin": {`
		`  "type": "string",`
		`  "description": "Origin of the product"`
		`},`
		`"product_details_gender": {`
		`  "type": "string",`
		`  "description": "Gender of the product"`
		`},`
		`"product_details_age": {`
		`  "type": "integer",`
		`  "description": "Age of the product",`
		`  "format": "int64"`
		`},`
		`"product_details_race": {`
		`  "type": "string",`
		`  "description": "Race of the product"`
		`}`
		`}`
		`}`

Supermarket Management	`"SupermarketRequest": {`
	`  "required": [`
	`    "supermarket_id"`
	`  ],`
	`  "type": "object",`
	`  "properties": {`
	`    "supermarket_id" {`
	`      "type": "integer",`
	`      "description": "Unique identifier for the supermarket",`
	`      "format": "int64"`
	`    }`
	`  }`
	`}`
		`"SupermarketResponse": {`
		`  "type": "object",`
		`  "properties": {`
		`    "supermarket_id" {`
		`      "type": "integer",`
		`      "description": "Unique identifier for the supermarket",`
		`      "format": "int64"`
		`    },`
		`    "supermarket_location" {`
		`      "type": "string",`
		`      "description": "Address for the supermarket"`
		`    },`
		`    "supermarket_categories" {`
		`      "type": "array",`
		`      "items": {`
		`        "type": "string"`
		`        "description": "Name of the categories for the supermarket"`
		`      },`
		`      "description": "Categories for the supermarket"`
		`    }`
		`  }`
		`}`

Profile Management	"ProfileRequest": {
	  "required": [
	    "user_id"
	  ],
	  "type": "object",
	  "properties": {
	    "user_id" {
	      "type": "integer",
	      "description": "Unique identifier for the user",
	      "format": "int64"
	    }
	  }
	}
		"ProfileResponse":{
		  "type":"object",
		  "properties":{
		    "email":{
		      "type":"string",
		      "description":"Email with which the user logs into the app"
		    },
		    "password":{
		      "type":"string",
		      "description":"Password with which the user logs into the app"
		    }
		  }
		}

News Management	"NewsRequest": {
	  "required": [
	    "news_id"
	  ],
	  "type": "object",
	  "properties": {
	    "news_id" {
	      "type": "integer",
	      "description": "Unique identifier for the article",
	      "format": "int64"
	    }
	  }
	}
		"NewsResponse": {
		  "type": "object",
		  "properties": {
		    "news_id": {
		      "type": "integer",
		      "description": "Unique identifier for the article",
		      "format": "int64"
		    },
		    "news_image": {
		      "type": "string",
		      "description": "URL for the article's image"
		    },
		    "news_content": {
		      "type": "string",
		      "description": "Content of the article"
		    }
		  }
		}

Wishlist Management	"WishlistRequest": {
	  "required": [
	    "user_id"
	  ],
	  "type": "object",
	  "properties": {
	    "user_id" {
	      "type": "integer",
	      "description": "Unique identifier for the user",
	      "format": "int64"
	    }
	  }
	}
		"WishlistResponse": {
		  "type": "object",
		  "properties": {
		    "wishlist_products" {
		      "type": "array",
		      "items": {
		        "type": "integer",
		        "description": "Unique identifier for each product",
		        "format": "int64"
		      }
		    }
		  }
		}

Feedback Management	"FeedbackRequest":{
	  "required":[
	    "product_id",
	    "user_id",
	    "rating"
	  ],
	  "type":"object",
	  "properties": {
	    "product_id": {
	      "type": "integer",
	      "description": "Unique identifier for the product",
	      "format": "int64"
	    }
	  }
	}
		"FeedbackResponse": {
		  "type": "object",
		  "properties": {
		    "product_details_name": {
		      "type": "string",
		      "description": "Name of the product"
		    },
		    "product_details_price": {
		      "type": "integer",
		      "description": "Price of the product",
		      "format": "int64"
		    },
		    "product_feedback": {
		      "type": "array",
		      "items": {
		        "type": "integer",
		        "description": "Ratings from each user to the product"
		        "format": "int64"
		      }

		``
		      }
		    }
		}
		``

Profile Management	```
	"ProfileRequest": {
	  "required": [
	    "user_id"
	  ],
	  "type": "object",
	  "properties": {
	    "user_id" {
	      "type": "integer",
	      "description": "Unique identifier for the
	user",
	      "format": "int64"
	    }
	  }
	}
	``
		``
		"ProfileResponse":{
		  "type":"object",
		  "properties":{
		    "email":{
		      "type":"string",
		      "description":"Email with which the user logs into the app"
		    },
		    "password":{
		      "type":"string",
		      "description":"Password with which the user logs into the
		app"
		    }
		  }
		}
		``