

Song's Serving REST API Specification

Table Request

- When the user selects a table number and a request item, the request information is sent to the Flask server.

URL

- `POST /send-request`

Corresponding Controller

- `RequestController.java`

Request Header

Reuest Parameters

Name	Type	Required	Description
table	int	✓	Table number making the request
water	int	✓	Quantity of water requested
coke	int	✓	Quantity of coke requested
tissue	int	✓	Quantity of tissue requested
spoon	int	✓	Quantity of spoons requested
callStaff	boolean (checkbox)	×	Whether to call a staff member (checked = on)

Flask Transmit API

- Spring server sends the above request to Flask server in JSON format.

URL

- `POST http://localhost:9000/request-items`

Content-Type

- `JSON`

Request Header

Request Body

Name	Type	Required	Description
table	int	✓	Table number that is making the request
items	object	✓	Items and their quantities
callStaff	boolean	✓	Whether to call a staff member

Structure of items object

Key	Type	Required	Description
water	int	✓	Quantity of water requested
coke	int	✓	Quantity of coke requested
tissue	int	✓	Quantity of tissue requested
spoon	int	✓	Quantity of spoons requested