**Container Optimizer API - JSON Request/Response**

This document outlines the JSON format for the Container Optimizer API's request and response.

The API endpoint POST /pickSpot processes the container yard map (yardMap) and returns the optimal spot with the

lowest score.

Request:

* yardMap is a 2D array representing the layout of the container yard.

**JSON Request Example:**

{

"yardMap": [

[5, 8, 9],

[4, 3, 6],

[7, 2, 1]

]

}

In this example:

* "yardMap" is a 3x3 grid representing the container yard's container scores.
* The algorithm will loop through this grid to identify the slot with the lowest score.

**JSON Response Example:**

{

"row": 2,

"column": 2,

"score": 1

}

In this response:

* "row" is the row number of the optimal spot.
* "column" is the column number of the optimal spot.
* "score" is the score of the optimal spot, indicating it's the lowest.