Quickstart Integration - Node.js Monday.com

<u>Summary</u>

This is a remote api integration to listen on the board item column changes, so when any column value is changed this app will store/update this value to item in mongoDB.

<u>Libraries & Techniques Used</u>

Monday
Created quickstart-integration Node.js app. Added custom field(a dynamic mapping field) and custom action(sends post request to remote api) for making monday.com recipe that listens to change in any column value.

Node.js & Express.js
Used Node.js runtime environment with express framework to create API server.

MongoDB & mongoose
Used 'mongoose' a npm package that helps Express.js server to interact with MongoDB, for storing data.

Docker
Used Docker to maintain the development environment so that any machine can run this application without needing to set up a development environment.

jsonwebtoken
Used this npm package to authorize any request received using 'signing secret' key of monday.com app.

body-parser

Used this as middleware to parse incoming request bodies in a middleware before your handlers, available under the `req.body` property.

API endpoints (POST api end points)

/items/item-field-definition

This is a Field Definitions URL, an endpoint on the app server that will return the mappable fields for a specific recipe. When a user clicks the entity name in a recipe, the monday apps server will retrieve the entity's fields from a remote endpoint.

/items/create-edit

This is an endpoint which receives and stores/updates item details that has been saved on the board and then saves it on MongoDB connected to the server.