Assignment

There are 2 problems in this assignment & both are mandatory.

1. Description: Create a basic form using HTML/CSS with the fields mentioned below and on submitting the form a new card should be created in Trello (more information about Trello is given below).

Form Fields:
- Name
- Description
- Due Date
- Start Date

Steps to follow:
- Create a Trello account using a temporary email (link given below)
- Find the Trello REST API documentation
- Get the API key & token using the link provided in the API documentation
- Create a node.js script which will create a card with the above-mentioned fields in Trello

How to submit the assignment:
- Create a public repo on Github/Gitlab and share the link.
- Attach the creds of Trello
- Send the above 2 to the email: mk@cloudify.biz

Emphasize on:
- Code quality
- Error handling
- Backend

Resources:
- Trello link: https://trello.com/

2. Description: Create integration between Shopify & Pipedrive using the following steps:

Actions/Steps to follow:
- Get Shopify order from the order id which will be passed as input to the program
- Use Shopify customer details received from the last step to
    - Find the person in Pipedrive with the email of the Shopify customer
    - If a person is not found by email then create the person in Pipedrive with the following fields

Shopify Customer fields	Pipedrive Person fields
first_name + last_name	name
email	email
phone	phone

- Then use the "line_items" details from Step 1(Get Shopify order) to
    - Find products in Pipedrive using the **"sku"** field present in Shopify "line_items" & "code" its equivalent field in Pipedrive. So if the "sku" field in Shopify matches exactly with the "code" field in Pipedrive
    - If not found then create the product in Pipedrive with the following fields

Shopify Customer fields	Pipedrive Person fields
name	name
sku	code
price	prices

- Create a deal in Pipedrive with only the required fields & use the person found/created in the previous step in the deal
- The last step is to attach the products to the created deal in Pipedrive using the required fields only.

Nice to have:
- In case any required field is missing for example in the case of person creation in Pipedrive email is a required field if it is missing from Shopify customer details then an error saying email is missing can be thrown. Or the order is not found in Shopify with the order id given as input.
-

Input: Shopify order id
Expected Output: Return success in case of successful deal creation in Pipedrive & in case of error return "failure"

Note:
- Create dummy accounts in Pipedrive & Shopify first using temporary emails
- Create a few deals in Pipedrive & order s in Shopify to get an idea about both the apps
- Authentication will be simple API key. Follow the steps mentioned in the API docs of the apps
- Only JavScript is permitted

How to submit the assignment:
- Create a public repo on Github/Gitlab and share the link.
- Attach the creds of Shopify & Pipedrive
- Send the above 2 to the email: mk@cloudify.biz

Emphasize on:
- Code quality
- Error handling
- Modularity in code

Resources
- Pipedrive: https://www.pipedrive.com/
- Pipedrive API Doc - https://developers.pipedrive.com/docs/api/v1
- Shopify - https://www.shopify.com/
- Shopify API Doc - https://shopify.dev/docs/api/admin-rest
- Temp mail: https://temp-mail.org/en/