Interview Problem StatementI - Integration Engineer

Happay supports REST API based integrations for user management. Your task is to automate a task where you have to read from a file and use the Happay Integration API(s) to provision users in Happay.

You can choose either from an excel file or from a CSV file for the purpose of this task.

Given an Excel/CSV File.
https://hpy-prd-client-pub-docs.s3.ap-south-1.amazonaws.com/sample_excel_file_integration_csv.csv
https://hpy-prd-client-pub-docs.s3.ap-south-1.amazonaws.com/sample_excel_file_integration.xlsx

SAMPLE JSON BODY:

```
{
        "requestId" : "14aa6149-2f50-414f-807f-299c34f6b993",
        "userId" : "user_65becef396dc4a2485b15adf1521f3c9",
        "firstName" : "Ashutosh",
        "lastName" : "Sharma",
        "emailId" : "ashutosh.sharma@happay.com",
        "mobileNo" : "8901400884",
        "mobile_extension" : "+91",
        "dob" : "1992-04-30",
        "title" : "Mr.",
        "gender" : "Male",
        "extra_fields" : {
                "cost_centre" : "ENG",
                "cost_category" : "BILLABLE",
                "designation": "Manager",
                "department" : "Product"
        }
}
```

Details of Happay endpoint:

URL: 'https://api-v2.happay.in/auth/v1/cards/add_user/
Authorisation: Bearer Token
Token : Bearer iiKZR5dXUwwku5xjUMg0D46zQ

Field/Payload Details:
1. requestId is a randomly generated UUID (V4)
2. userId is a randomly generated string with format usr_<UUID without hyphen>
3. Title is derived from gender - Male corresponds to Mr. Female corresponds to Ms.
4. If no email - email should be <first_name><dot><last_name>@happay.in

Basis the API response, print the userId as recorded in the Happay system (it'll be a part of the response in a successful API call

Sample CURL given:

```
curl --location --request POST 'https://api-v2.happay.in/auth/v1/cards/add_user/' --header 'Content-Type:
application/json' --header 'Authorization: Bearer iiKZR5dXUwwku5xjUMg0D46zQ' --data-raw '{
    "requestId": "14aa6149-2f50-414f-807f-299c34f6b993",
    "userId": "user_65becef396dc4a2485b15adf1521f3c9",
    "firstName": "Ashutosh",
    "lastName": "Sharma",
    "emailId": "ashutosh.sharma@happay.com",
    "mobileNo": "8901400884",
    "mobile_extension": "+91",
    "dob": "1992-04-30",
    "title": "Mr.",
    "gender": "Male",
    "extra_fields": {
        "cost_centre": "ENG",
        "cost_category": "BILLABLE"
    }
}
```