

# INTERNSHIP WEEKLY REPORT

## WEEK ONE

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### Introduction

We were welcomed here last Friday. Although the internship is online, I feel optimistic after attending the Introductory Meet. Then we were given our ids and a list of softwares to download.

Mr Vibhor Mahajan was assigned as my mentor. We had a pleasant meeting. He heard about my interests and skills. And accordingly entrusted me to learn about TagUI. He gave me some materials and further helped me with my doubts and asked a few questions.

### TagUI

- TagUI is basically a free RPA tool. It is used to automate repetitive tasks and is pretty cool.
  - So first I studied all the materials provided by Vibhor. It gave me a decent idea about RPA in general.
  - Its code is quite simple. With a few key words you can do a lot of stuff. Like to open a website, write the url, to click something the command is "click \_\_\_\_", to type it is "type input as \_\_\_\_", etc.
  - TagUI also has support in various languages. It can be used in python by installing the rpa(earlier tagui) library for example.
  - So the important stuff in it are flows, basically it is used as functions. Very simple commands that anyone can write.
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- One other cool thing about tagUI is selecting stuff. It deploys various approaches for it. Like OCR for image finding, DOM, XPath, text, coordinates, etc.
  - Then I started doing [this course](#). It has this wonderful [challenge](#). I attempted doing it [here \[Github\]](#). In this we have to fill a form by taking inputs from the csv file.

## Problems

- Surprisingly I did not find any problems while installing tagui as well as rpa library in python. Although running in google colab was tough.
- While trying [the challenge](#) the problem was that after filling one form it refreshed and logged out, hence data was lost. So to solve this, we have to run the program with '-speed' flag. And after the loop again put the url of the page just before the end.

## Conclusion

This was a fun week. We were given easy but also interesting tasks. I felt welcome here. The mentor was very helpful and cleared my doubts. But I also tried to figure everything out by myself. RPA is exciting!