

## [FACULTY ASSISTANT]

[Radhika | Sandeep Yadhav| Brithik Anthal | Aryan Magotra]

2022d1r017@mietjammu.in  
2022d1r019@mietjammu.in

2022d1r020@mietjammu.in,  
2022d1r008@mietjammu.in



### Abstract

During this covid-19 period, the education department has suffered a lot as all the schools and colleges were closed due to the fear of the pandemic. But education is a necessary part of our life, henceforth some way has to be found to tackle the problem. The best way of tackling the problem is using the online classes for teaching and google classroom etc., as a way for assignments. However, the teachers are equipped with a lot of work and in addition to that they also have to look for other things such as tasking note of the courses done by students, whether students have applied for jobs etc. So, to solve this problem we have designed an RPA bot that will act as a faculty assistant to teachers.

### Innovation & Impact

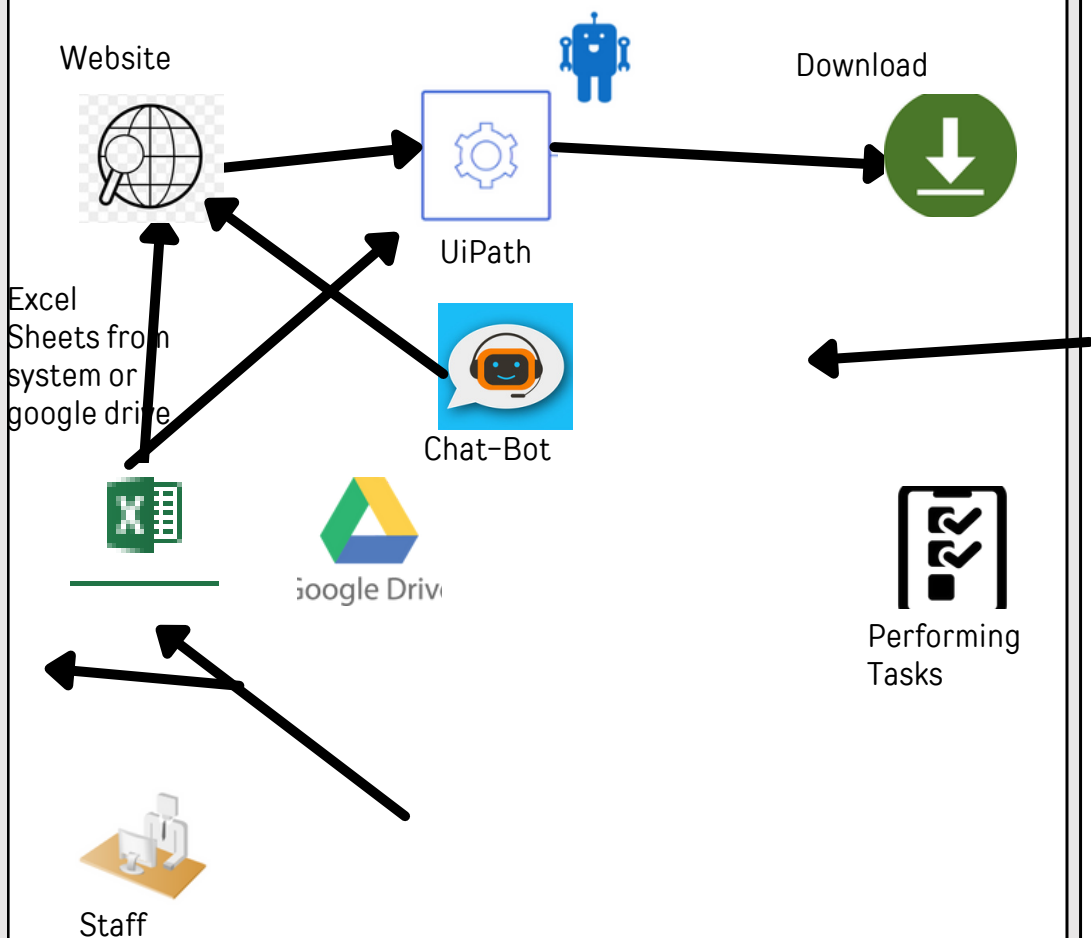
#### INNOVATION:

- RPA based system is automatic, fast, reliable, intelligent and manageable.

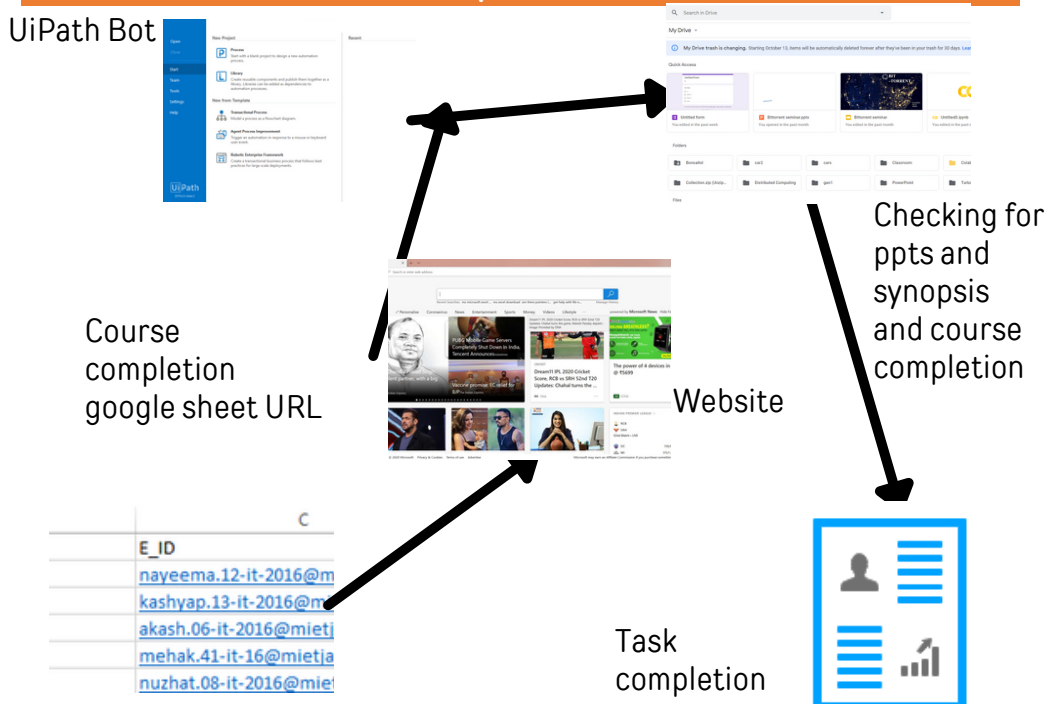
#### IMPACT:

- Scheduled system of sending emails or other stuff on the command of user.
- It reduces time, cost and expenditures.
- Efficient planning and shift management.
- An automated faculty assistant will help in various stuff such as in case of relaying information to students about their progress in respective courses.
- It will furthermore check for items such as synopsis and ppts if the students have uploaded any.

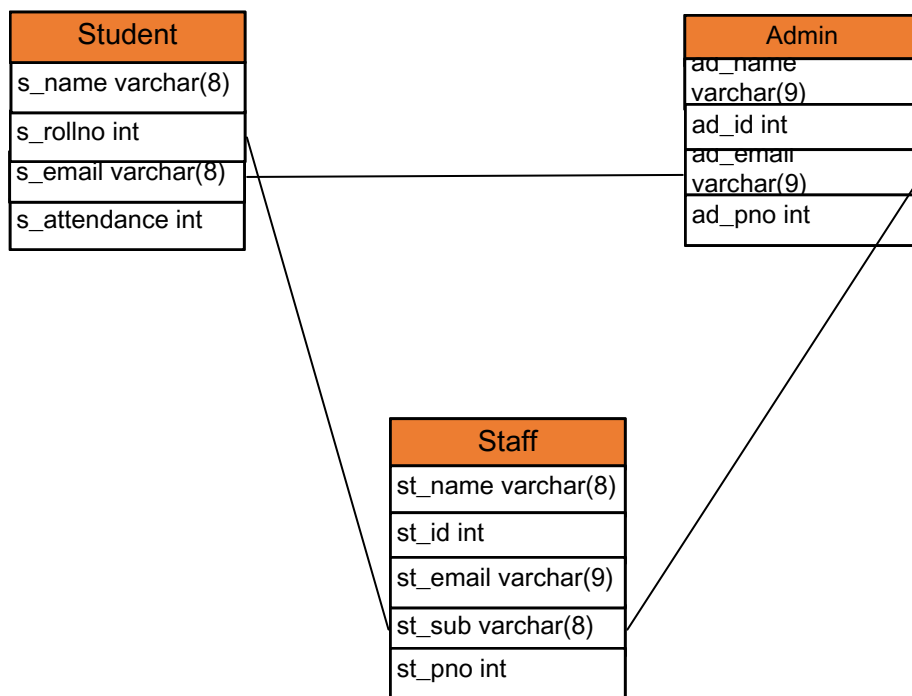
### Use Cases | Functional Workflow



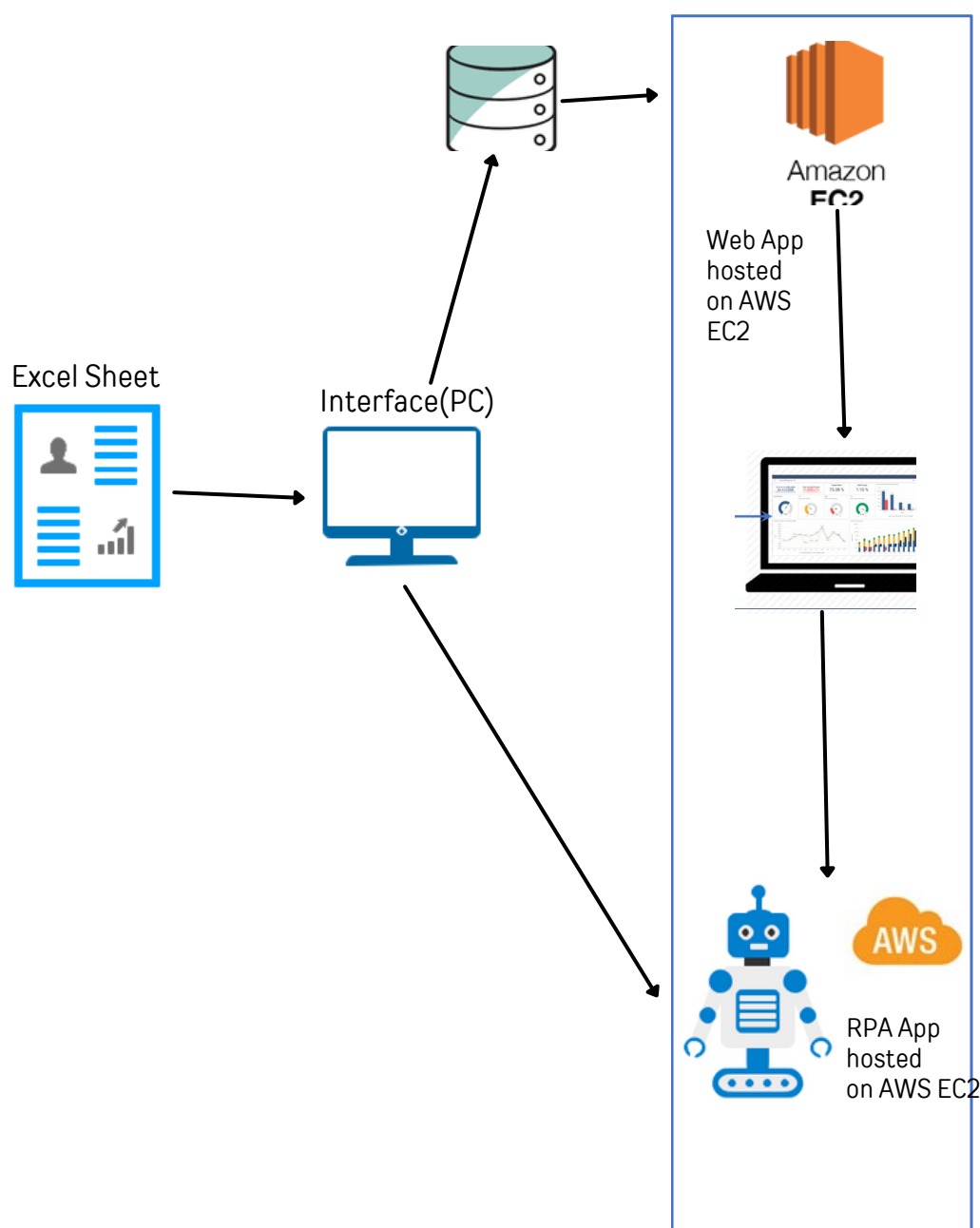
### Screen Flow | Interaction Model



### Entity Relationship Diagram / Data Processing workflow



### Architecture Diagram



### Language(s) | API(s) | Technology Stack

- Technology - Robotic Process Automation
- Language - VB.Net
- Development Tool - UiPath
- Deployment Tool - UiPath
- Python, MySQL, Google Sheets API