Capstone Project Weekly Progress Report

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| Project Title | Air Canvas |
| Group Name | Python Thinkers |
| Student names/Student IDs | Anto Francis (C0825095)  Omer Volkan(C0856373)  Rupesh Chandran(C0826779)  Sachin Sreekumar (C0825096) |
| Reporting Week | Feb 5, 2022 to Feb 12, 2022 |
| Faculty Supervisor | Prof. Parissa Naraei |

# **Tasks Outlined in Previous Weekly Progress Report** using one of the scrum tools listed above(Provide detailed information on the tasks to be completed in this week)

* Final week of planning phase
* Install necessary packages and softwares
* Setup git repository
* Get Jira and Slack ready for project management and internal communication

# **Progress Made in Reporting Week** (Provide detailed information on the progress that you made in the reporting week. Limit your write-up to no more than two page)

* Get Jira and Slack ready for project management and internal communication
* Air Canvas project Github repository is created .All project related documents,weekly reports,presentations added under this repository
* Pycharm IDE (Through Anaconda Navigator )has been used in order to establish necessary library/packages.In that way coding is initiated.
* The planning phase of project is now completed which was earlier determined as between 22/JAN - 12/FEB in Jira project management tool.

# What did you learn about your project this week? ( Provide examples of which errors you faced and how you solved it, tasks you did not consider in scope but you ended up adding as a dependency for other components of your project, etc. )

* Setting Jira & Slack ready for the project and familiarizing taught us how to handle a project over these applications easier. Without these valuable apps, tracking the job and meeting the project deadlines would be more challenging for the team members and the success of the individual tasks. Python Thinkers team internal communication moved from an unefficient Whatsapp group to the Slack platform for the easiness.
* Installing and getting some insights into libraries that will be used in further stages provided the team with valuable hands-on experience. The team have learned how to import and make use of Python libraries such as Numpy and Cv2(OpenCV)

# What values did you add to your project / team during the past week? ( Provide examples of how you enhanced team collaborations, conflict resolving, task distributions amongst the team members, problems you solved, visions you shared with your mates, etc. )

* For the second stage of the project(Canvas Creation) , all the tasks have been broken down into smaller subtasks and assign ed to each team member. Priorities and duration have been given for each task to avoid dependency issues on Jira.
* The tasks which have been identified in previous week is achived by each team individual by following the deadlines on Jira.

# How will you take your project into its next level and what do you need to do so? ( provide examples of how you will enhance the quality of work and what resources you expect requiring to help you do so ).

* Using a handwriting recognizer might allow the user to write on the air that will further improve our project.Currently only drawing on the air is considered.
* We could add more values to this project by making the lines more smooth while drawing. We will need to explore more image processing libraries for making that happen.