SECTION C
Weekly Journal

Week : 16   Date from: 24/06/2024   to   28/06/2024

Department/Section Attached: Assembly Metrology

Day	Tasks Record
Monday	• Updated Code with proper documentation and error handling • Resolved issues with the Streamlit App
Tuesday	• Adjusted file conversion to accept new fields of data. • Changed the file conversion flow.
Wednesday	• Tested out new data on Tableau Dashboard • Fixed Error with data extraction
Thursday	• Added new data field of image path of defects. • Automated TIFF image file splitting and saving into directory
Friday	• Created an API for Image viewing and Tableau. • Local host and uses onl

Describe one task in more details with diagrams or photos attached.
Explain the importance/relevance of this task to the company.

The API I created using python allows for images to be uploaded and displayed on Tableau dynamically , allowing for engineers to select the desired unit of inspection and view the actual defect taken by the ATI Machine. Here engineers can now select the exact lot, the exact strip and exact defect to view as well as the exact to unit to inspect, as compared to searching for the image in a folder with hundreds of images unlabeled. This API allows for all the required data for analysis to be on the same platform allowing for efficient Real-Time Defect Analysis by Micron Engineers.
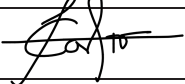
Assessment on Student

Grading Scheme :

A (Excellent)	-	Consistently exhibit qualities beyond expectation and norms.
B+ (Very Good)	-	Exhibit qualities above expectation and the norms.
B (Good)	-	Exhibit qualities which are considered necessary to produce good quality work.
C+ (Good Credit)	-	Exhibit good qualities which are the norm.
C (Credit)	-	Exhibit acceptable qualities which are the norm.
D (Pass)	-	Exhibit qualities which varies between the norm and unacceptable standard.
F (Fail)	-	Exhibit qualities which are not acceptable and are hindrances to operations.

Conduct:	A	Attendance: A	* Regular / Average / Poor
Performance :	A	Punctuality: A	* Satisfactory / Unsatisfactory
Remarks :			

Name of Supervisor :	Francis Castro Click or tap here to enter text.	Signature :	
*Delete whichever is not applicable		Date :	