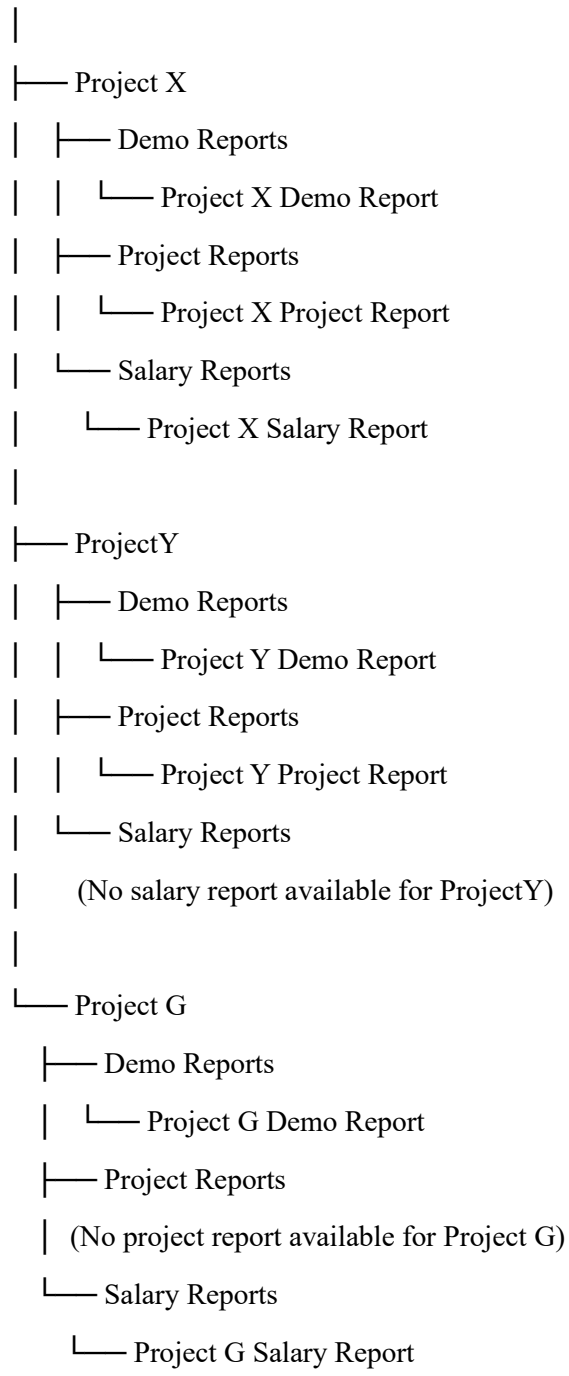
Response to The Intern Task

Task 1-

Project Documents



Task 2:

1. **Total Effective Working Hours to Finish the Task:**
    - **Including Quality Check:**
        - Bounding Box: 100,000 images * 10 seconds / 3600 seconds (1 hour) = 277.78 hours
        - Polygon: 100,000 images * 15 seconds / 3600 seconds (1 hour) = 416.67 hours
        - Key point: 100,000 images * 5 seconds / 3600 seconds (1 hour) = 138.89 hours
        - Quality Check: (5 + 7 + 3) seconds * 100,000 images / 3600 seconds (1 hour) = 416.67 hours
        - Total Including Quality Check = 1250 hours
    - **Excluding Quality Check:**
        - Total Excluding Quality Check = (277.78 + 416.67 + 138.89) hours = 833.34 hours
2. **Total Number of Annotators Required to Accomplish the Task in 10 Days:**
    - Total Effective Working Hours for the task = 833.34 hours
    - Annotators required = Total Hours / (Number of Annotators * Hours per day * Days)
    - Annotators required = 833.34 / (6 * 10) = 13.89
    - Since we can't have a fraction of an annotator, we would need at least 14 annotators to complete the task in 10 days.
3. **Estimated Date to Deliver the Project to the Client with Extra Annotators:**
    - With an additional 5 annotators, the total annotators available = 14 (initial) + 5 (extra) = 19 annotators
    - Total Effective Working Hours with extra annotators = 833.34 hours
    - Estimated days required = Total Hours / (Number of Annotators * Hours per day)
    - Estimated days required = 833.34 / (19 * 6) ≈ 7.73 days
    - If you need to exclude off-days, you would need to round up to the next whole day, so let's consider 8 days.
    - The estimated date to deliver the project would be 02 February + 8 days = 10 February 2024 (excluding off-days).

Task 3:

Subject: Explanation for Delay in Annotation Task Completion

Dear [Recipient's Name],

I hope this message finds you well. I am writing to provide an update on the progress of the annotation task and to offer an explanation for the slight delay in completion.

As of today, we have encountered a few challenges that have impacted our initial timeline for completing the annotation task. Here are the justified reasons for the delay:

1. **Complexity of Annotations:** The nature of the dataset provided has proven to be more complex than expected. The images contain a variety of objects that require precise annotation, particularly in the Bounding Box, Polygon, and Keypoint classes. This intricacy has inevitably increased the time needed for proper annotations.
2. **Quality Assurance Procedures:** To give high-quality annotations, we have set stringent quality control criteria. This additional step guarantees that annotations are accurate and consistent across all photos, which contributes to the dataset's overall reliability. While this stage requires more time, it is critical to satisfy the highest standards.
3. **Effective Work Hours:** Despite our best efforts, there have been instances of reduced effective working hours due to unforeseen circumstances such as technical issues and occasional training sessions. We are actively addressing these challenges to optimize our workflow.

We understand the importance of adhering to timelines and are taking immediate steps to expedite the annotation process without compromising on quality. Our team is working diligently, and we anticipate overcoming these challenges shortly.

We appreciate your understanding and patience in this matter. If you have any specific concerns or if there are additional measures you would like us to take, please feel free to communicate them. We remain committed to delivering a meticulously annotated dataset that meets your expectations.

Thank you for your continued trust in our services.

Best regards,

[Your Full Name]

[Your Position]

[Your Company]

[Contact Information]

Task 4:

Here's the ordered list of tasks based on priority for the smooth execution of the task/project (High to low):

1. **You have missed a delivery deadline for an ongoing batch**
    - Addressing missed deadlines is critical to maintain credibility and client satisfaction. It should be the highest priority to rectify any issues promptly.
2. **A batch that you will have to deliver tonight**
    - Upcoming deliveries should take precedence to ensure timely completion and meet the expectations of the clients.
3. **Feedback arrived on a particular batch you delivered earlier**
    - While important for continuous improvement, feedback on a delivered batch can be addressed once the immediate delivery concerns are handled.
4. **A new batch has arrived from the sales team, and you need to do the DEMO**
    - While demonstrating a new batch is essential, it can be scheduled strategically after addressing the more urgent delivery issues to avoid any further missed deadlines.