Forensic Report: Project Delays in Group-6 Project

Introduction: The purpose of this forensic report is to investigate the causes of delays in completing the project.

Methodology: The investigation was carried out through a review of the project documentation and team meetings. Discussions were conducted with project team to gather this information.

Analysis: The analysis identified several factors that contributed to the project's delays, including:

* Poor planning and scheduling: The project's initial schedule was overly optimistic, and the plan did not account for potential delays, such as extracting data USA wide and working on the population and per capita income on the whole.
* Inadequate risk management: The project group did not adequately identify and address risks, leading to delays caused by unforeseen circumstances such as API pull failure and code delays. So finally sticked to the initial plan for working New York statewide data, instead of country wide data.
* Poor communication: Communication between group members was not effectively managed, resulting in delays, and rework. Since two of the group members were working full time and third member was sick during the final week’s time (data visualization phase) and there was difficulty in finding the time slot available for all the three of us.
* Resources: There were network issues to one of the team members as well.

Lessons learnt: Based on the analysis, the following are the lessons learnt which we will as a team be mindful for future projects to prevent similar delays:

* Develop a realistic and detailed project plan, POAP (Plan on a page) and schedule that accounts for potential delays, including risks and dependencies.
* Implement a robust risk management plan to identify and mitigate potential risks, at the start of the project.
* Establish a communication plan to ensure all the team members are informed and aligned of project progress and changes.
* Ensure adequate resources are available for the project.

Conclusion: In conclusion, the delays experienced in the Group-6 Project were caused by a combination of factors, including poor scheduling, inadequate risk management, poor communication, and resource constraints. The lessons learnt observed during the Forensic analysis of this report would be very helpful for our team members to work on future projects, avoid delays and ensure project success.