

NATHANIEL MENDOZA

It is important for an Engineer to follow basic steps in problem solving as it ensures them being logical and organized enough when approaching different types of finding an effective solutions. As, each steps in identifying the problem to evaluate its results for it to prevent mistakes which allows us Engineers to fully understand its issue before we take action by ourself selves. For example, going back to the creation of my Video Essay which is related about creating an Automatic Bin that segregate and inform its user that also has an transactive measures, it is important for me to apply an Engineering Design Process as I must analyze the load of requirements and its factors before I create its overall design. Because, If I ever skip these steps it could to to failure as it would lack enough evidences and supporting factors for me to apply. So therefore, applying such structures process and the usage of EDP promotes clear communication between the Engineer and his/her own concepts as it makes everyone understand and its reasoning behind it when presenting. In conclusion, the reason why we must follow basic steps in problem solving for us to promote and ensure its safety, reliability, and the innovation of our solutions.