Assignment 1: Re-submission Guidelines

Following are the steps you should follow for re-submission of assignment 1:

1. Define the problem:
   Like what exactly is to be done, in steps. Explain the problem in a flow chart to have clear insight of the problem.
2. Approach to solve the problem:
   Briefly explain the approach, you are following for the solution, explaining with help of block diagrams. Block diagram must cover the essence of functionally.
3. Implementation:
   This part would cover your implementation approach. For the desired functionality which IC's are you using? Describe the brief functionality of all the ICs used in the design. Also, explain the exact functionality of the respective ICs in this design & schematic.
4. Schematics:
   No shortcut should be adopted. All the interconnections should be visible. Also it must cover description of pins. No pin should be left un-defined/un-labled.
5. Issues or Problems faced:
   Discuss the different issues you faced, while implementing the design. Also discuss the solution you found to overcome the problem.
6. Alternative approach (Optional):
   If you wish to discuss any alternative approach considering the above 2 to 5 points. Also discuss comparison within different approach.
7. Future works:
   Briefly discussing the future implications with some addition or improvements in functionalities.