# LAB-2

a) For a simple data processing project, waterfall model can be used because it's used for simple softwares, with minimal changes.

b) For this,we'll use a prototyping model because it is meant for teams who have less experience or are very new. Moreover in prototyping models, the user interface is of utmost importance.

c) In this case,since the advanced features will depend on the basic features, incremental model will be used.

d) Since the requirements are changing and updated everytime, we'll use spiral model.

e) In this case,we'll use incremental model along with UI prototyping because new features need to be added and very frequently.

f) In this case, a waterfall model will work because it involves automation of existing thing.

g) In this, we're upgrading the existing software to VR i.e. it is like an evolutionary process and so in this case, evolutionary waterfall prototyping will work.

h) In this, it is a difficult task and it doesn't demand any new changes and so here it will be waterfall model.

i) In this case, although the interface might be complex but it will be stable since we just need to install kiosks. But after the user gains experience, the requirements will change and so incremental model will be used.

j) For this we'll waterfall model, because it is for well understood problems, short duration project.

k) In this case, since the changes made have to be re-visited and then updated accordingly, we'll use a spiral model.

l) In software for ECG machine, since its a very complex machine and no mistakes can be tolerated in that, we'll use a waterfall model because in this case first if we make the product then f any issues then we'll do the process again.

m) In this case, no frequent changes are required and so waterfall model will be used.