

ADDITIONAL CONSTRAINTS AND ASSUMPTIONS

ASSIGNMENT -3

For assigning resources and the task duration reduction there has to be certain assumptions to be made.

1. The lab has to be set up before the design and the coding tasks. This is because the coding and designing cannot be done without the software and the hardware.
2. The **software set up** has to be set up **after** the **hardware set up** because the software cannot function without the hardware.
3. The fixing of found defects in the **coding task** is done by the same engineers who wrote the code since they are the only ones who knows where to make changes or fix the defects.
4. The testing of fixed defects in **coding and testing phase** is done by the same engineers who prepared the test cases. This is because, only they know what test cases they should create apart from the previous ones.
5. Testing plan is written by the testing engineers as they deemed to be fit for the role.
6. Design is done by the program/software engineers since they are the developers.
7. Documentation is written by the documentation engineer since they seem to be suitable than the others.
8. The Lab set up is done after the Requirement phase because only after the requirements are known you can set up the required software and hardware.