**2.Calculate the Functional Points of your project (you can use context diagram level 0 or 1 for this task)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Measurement  Parameter | Count | Weighting factor simple | Weighting factor avg. | Weighting factor Complex | Count\*Weighting  Factor |
| Number of user inputs | 6 | 3 | 4 | 6 | 18 |
| Number of user outputs | 3 | 4 | 5 | 7 | 12 |
| Number of user inquiries | 4 | 3 | 4 | 6 | 12 |
| Number of files | 5 | 7 | 10 | 15 | 35 |
| Number of ext. interfaces | 0 | 5 | 7 | 10 | 0 |
| Total Count |  |  |  |  | 77 |

1. Data Communication 3
2. Distributed data processing 3
3. Performance 4
4. Heavily used configuration 3
5. Transaction rate 4
6. Online data entry 0
7. End user efficiency 3
8. Online update 0
9. Complex processing 0
10. Reusability 4
11. Installation ease 4
12. Operational ease 4
13. Multiple sites 0
14. Facilitate change 4

Total count \* [0.65+0.01\*∑Fi] = 77\*[0.65+0.01\*36]

=77.77

**Make a Requirement-Test Cases traceability matrix (Just make 2 columns one with the requirement and the other with the name of test case that tests the particular requirement.)**

|  |  |
| --- | --- |
| Requirement | Name Of Test Case |
| Patient Should be able to signup/ Sign in | Test case 1- Patient Signup/ Sign in |
| Patient cant reserve the doctor when the given slots of the doctor full | Test case 2- Reservation slots |
| Receptionist can approve or denied the patient appointment | Test case 3- Status approve/denied |
| Doctor can see the appointments which were approve by receptionist | Test case 4- View appointment doctor |
| After the reservation the popup message will show in patient portal that the appointment is approve or reject | Test case 5 - Popup message in patient portal |
| The project is correctly calculate the income of the doctor in monthly basis wrt attendance | Test case 6- Salary calculate |