**Cost Estimation for the project:**

No. of Resources working for this project: 7

No. of hours of each person working per week in GDP 1: 37 hours

No. of hours of each person working per week in GDP 2: 15 hours

Total number of weeks assigned for project: 5 in GDP-I + 15 in GDP-II = 20

Total no. of hours each team member is working in overall GDP = 5\*37 + 15\*15 = 410 hours.

Total no. of hours Team B works to finish the project = 7\* (410 hours) = **2870** working hrs.

**GDP 1:**

In GDP 1 each person spent about 6 hours each day in weekdays and in weekends we had a team meetings for about 5 hours. Along with this we also had client meetings for about 2 hours in a week which on an aggregate gives 37 hours.

For each person

|  |  |
| --- | --- |
|  | Hours |
| Week days (Monday to Friday) | 5 \* 6 hours each day = 30 hours |
| Week ends | 2 \* 2.5 each day = 5 hours |
| Client Meetings | 2 days in a week \* 1 hour = 2 hours |
| Total | 37 hours |

So we are spending about 37 hours per person per week on aggregate gives

37 \* 5 = 185 hours per week in GDP 1.

**GDP 2:**

In GDP-II each person spent 2 hours each day in weekdays and in weekends we had team meetings of duration 2 hours. We also attended the client meeting of 1 hour in a week which on an aggregate gives 15 hours.

For each person

|  |  |
| --- | --- |
|  | Hours |
| Week days (Monday to Friday) | 5 \* 2 hours each day = 10 hours |
| Week ends | 2 \* 2 each day = 4 hours |
| Client Meetings | 1 day in a week \* 1 hour = 1 hours |
| Total | 15 hours |

So we spent about 15 hours per person per week which makes a total of 15\*7 = 105 hours per week per team.

Total hours per team: 7\*(5\*37 + 15\*15) = 2870hrs.

In this 15 hours of the GDP-II course each person worked on coding around 60 lines of précised code per week, completed the unit testing and integration testing and contributed around 900 lines of code for the overall project. So the total number of lines of code that we have estimated to generate for the project is around 900 \* 7 = 6300 lines of code.