**Cost Estimation**

**Cost Estimation plan of Project:**

No. of Resources in project: 6

No. of working hours of each Resource per week: 15

Total no. of weeks assigned for project: 14 (GDP1) + 14 (GDP2) = 28

Total no. of hours allotted to each team member = 15\*28 = 420 working hrs.

Total no. of hours allotted to team Sigma to finish Project = 6\*(15\*28) = **2520** working hrs.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | |  | Hrs | % of Total |
| Project Milestones | | |  |  |
| **1. Planning** | | |  | **7.41%** |
| 1.1 Research and discovery | | | 200 |  |
| 1.2 Scope definition | | | 140 |  |
| **2. Design** | | |  | **8%** |
| 2.1 | | Web application design | 125 |  |
| 2.2 | | Visual design | 100 |  |
| 2.3 | | User Experience | 90 |  |
| **3. Features** | | |  | **23%** |
| 3.1 | | Web application features | 140 |  |
| 3.2 | | Admin login | 80 |  |
| 3.3 | | Faculty login | 80 |  |
| 3.4 | | Scheduling courses | 180 |  |
| 3.5 | | Display Schedule | 120 |  |
| 3.6 | | Faculty information update | 80 |  |
| **4. Human Resource Management** | | |  | **3.96%** |
| 4.1 | | Training | 100 |  |
| **5. Testing** | | |  | **24%** |
| 5.1 | | Test plan preparation | 100 |  |
| 5.2 | | Test cases drafting | 125 |  |
| 5.3 | | Test cases execution | 150 |  |
| 5.4 | | User Testing | 130 |  |
| 5.5 | | Deployment testing | 100 |  |
| **6. Infrastructure** | | |  | **12.69%** |
| 6.1 | | Initial setup | 70 |  |
| 6.2 | | Data Storage | 140 |  |
| 6.3 | | Access to Data base | 60 |  |
| 6.4 | | Scalability | 50 |  |
| **7. App Administration** | |  | **6.34%** |
| 7.1 | | Infrastructure for performance management | 85 |  |
| 7.2 | | Web portal | 75 |  |

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| 5.6 | Scalability | 24 |  |
| **6. App Administration** | |  | **0.94%** |
| 6.1 | Infrastructure for performance management | 8 |  |
| 6.2 | Web portal | 0 |  |
| **7. Testing** | |  | **8%** |
| 7.1 | Internal Testing | 10 |  |
| 7.2 | User Testing | 10 |  |
| 7.3 | Deployment testing | 10 |  |
| **8. Deployment** | |  | **2%** |
| 8.1 | Licensing | 2.13 |  |
| 8.2 | Packing | 3 |  |
| **Reserves(20% of total estimate)** | |  | **17%** |
| **Total Project cost estimation** | |  |  |