| Paragon International University Admission System |
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| Cost-Benefit Analysis of Paragon International University Admission System | | | | | |
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| | 2021 | 2021 | 2021 | 2021 | 2021 | Total |
| **Benefit** | | | | | | |
| Reduce staff expenses | | $25,200 | $25,200 | $25,200 | $25,200 | $100,800 |
| Increased registration rate | | $30,000 | $39,000 | $42,000 | $45,000 | $156,000 |
| Reduced supply cost | | $1,000 | $1,000 | $1,000 | $1,000 | $4,000 |
| **Total Benefit** | | $56,200 | $65,200 | $68,200 | $71,200 | $260,800 |
| **Development Costs** | | | | | | |
| Website server/license | $1,000 | $0 | $0 | $0 | $0 | $1,000 |
| Hosting a website | $1,200 | $0 | $0 | $0 | $0 | $1,200 |
| Development Labor | $12,600 | $0 | $0 | $0 | $0 | $12,600 |
| Printer | $3,000 | $0 | $0 | $0 | $0 | $3,000 |
| **Total Development Costs** | **$17,800** | **$0** | **$0** | **$0** | **$0** | **$17,800** |
| **Operational Costs** | | | | | | |
| Server maintenance | | $5,000 | $5,000 | $5,000 | $5,000 | $20,000 |
| Hardware | | $2,500 | $2,500 | $2,500 | $2,500 | $10,000 |
| Operational labor (Web Developer, IT, Graphic Designer) | | $20,000 | $20,000 | $20,000 | $20,000 | $110,000 |
| **Total Operational Costs** | | **$27,500** | **$32,500** | **$37,500** | **$42,500** | **$140,000** |
| **Total Costs** | **$17,800** | **$27,500** | **$32,500** | **$37,500** | **$42,500** | **$157,800** |
| **Total Benefits-Total Costs** | **(-$17,800)** | **$28,700** | **$32,700** | **$30,700** | **$28,700** | **$103,000** |

| Analysis Explanation |
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| -Staff expense: imagine 5 staff are required to be working on the registration. We would need to spend a lot of money on the staff for their monthly salary of $700/month each. With this online registration system, we can reduce 3 staff and save up to $2100/month which is equivalent to the total of $25,200/month. |
| -As for the development labor, there are 4 members working on this project so each of our labor would each take a salary of $262.5/month so in total of four would take $1050/month and in one year it would cost $12,600 |
| -Regarding operational costs, our first expense is server maintenance (managing student data) which will cost $5000/year. Our hardware expenses (including computers, monitors, etc…) will total up to 2,500/year. Finally we will require 4 people to maintain our system, raking in a total of $20,000/year with an increase of $5000/year. |