|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2022 | 2023 | 2024 | 2025 | Total |
| Benefits  1-increase sales  2-increase sales of download  3-price of parking | 0  0  0 | 500.000  320.000  125.000 | 600.000  370.000  187.500 | 675.000  390.000  312.500 | 1.775.000  1.080.000  625.000 |
| Total Benefits | 0 | 945.000 | 1.157.500 | 1.377.500 | 3.480.000 |
| Present value total benefits | 0 | 859.090 | 956.611 | 1.034.936 | 2.850.637 |
| Development  Cost  2 servers  Software license  Sensor (500)  Cables  4 dell  Server software | 300.000  60.500  500.000  100.000  100.000  50.000 | 0  0  0  0  0  0 | 0  0  0  0  0  0 | 0  0  0  0  0  0 | 300.000  60.500  500.000  100.000  100.000  50.000 |
| Total development cost | 1.110.500 | 0 | 0 | 0 | 1.110.500 |
| Operational cost  4 programmers  1 designer  2 engineers  Operational labor | 0  0  0  0 | 200.000  15.000  30.000  500.000 | 225.000  17.000  31.500  600.000 | 300.000  21.000  38.000  68.000 | 725.000  53.000  101.000  1.168.000 |
| Total operational cost | 0 | 745.000 | 873.500 | 427.000 | 2.045.000 |
| Total cost | 1.110.500 | 745.000 | 873.500 | 427.000 | 3.156.000 |
| Total benefits-total cost | (1.110.500) | 200.000 | 284.000 | 950.500 | 324.000 |
| Cumulative net cash | (1.110.500) | (910.500) | (626.500) | 324.000 |  |
| Present value total cost | 1.110.500 | 677.272 | 721.900 | 320.811 | 2.830.483 |
| Return of investment (ROI) | 10.266% ((3.480.000-3.156.000)/3.156.000) |  |  |  |  |
| BEP | 2.659 years (2+((950.500-324000)/950500)) |  |  |  |  |
| NPV | 20154(2850637-2830483) |  |  |  |  |