**4- Identification and analysis of candidate solutions**

Candidate solutions

We provided and listed some candidate solutions that can help the organization get over their issues as mentioned below

We have suggested three proposed solutions which might boost the company performance as the following:

1. Build a system from scratch
2. establish a system by using programming libraries
3. purchase a pre-designed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Applicability | Cost | Time | Maintenance |
| Suggestion 1 | High | High | Long | Hard |
| Suggestion 2 | Moderate | Moderate | Medium | intermediate |
| Suggestion 3 | Low | low | Short | Easy |

The above table compares between the three systems through using multiple factors.

1. **Analysis of suggested solution**

after comparing the choices, we have decided to select the second system because it has better features and less flaws such as aapplicability, cost, time required and maintenance comparing to the other systems.