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### YOUR HOSPITAL

**KEEP HEALTHY , Consult a doctor , get your medicine …..**

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| **System request: your health** |
| **project sponsor**: Ashrakat Helmy |
| **Business need:**  improving and facilitating health services for clients. |
| **Business requirements:**  1-Giving the appropriate diagnosis of the symptoms experienced by the client.  2-Providing the possibility of providing medical consultations from specialized doctors to clients.  3-Submit a proposal for the most appropriate treatment after knowing the client's symptoms.  4-Providing treatment delivery service to the client.  5-Providing information on the location of the closest, most experienced and efficient doctors to you.  6-The possibility of providing total information regarding any treatment, which includes its benefits, purposes and side effects.  7-Continuously follow up on the client's health condition.  8-Provides the customer with the ability to search for diseases and provide the necessary information  about each disease.  9-Providing the possibility of publishing the latest developments in scientific research for each doctor. |
| **Business value:**  1- 8% increase in sales.  2- Assisting in the correct diagnosis of the largest number of clients daily and the possibility of providing them  with appropriate treatment.  3-Help spread the culture of health awareness among clients.  4-Providing prevention to the client, which is better than treatment. |
| **Special issue or constraints:**   1. this system should be completed as soon as possible. 2. Delivery in 15 min. |

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| **FEASIBILITY ANALYSIS** |
| **Technical Feasibility** :  -Familiarity with application,the risk is low : it’s a website and it’s easy to use .  -Familiarity with technology, the risk is low:Our developers are professional and fully familiar with the sites.  -The project size is medium and is not considered risk.  -The compatibility should be good. |
| **Economic Feasibility :**  ROI over 5 years: 0.2% NPV over 5 years: $50,280 Break-even occurs after 4.89 years Intangible Costs and Benefits : |
| **Organizational Feasibility :** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2022** | **2023** | **2024** | **2025** | **2026** | **2027** | **total** |
| **Benefits** |  |  |  |  |  |  |  |
| Ads for doctors |  | 50,000 | 70,000 | 100,000 | 120,000 | 135,000 | 475,000 |
| Percentage from booking |  | 25,000 | 27,000 | 30,000 | 33,000 | 37,000 | 152,000 |
| Drugs delivery |  | 40,000 | 55,000 | 70,000 | 95,000 | 110,000 | 370,000 |
| Percentage from pharmacy |  | 50,000 | 75,000 | 90,000 | 115,000 | 130,000 | 460,000 |
| **Total Benefits** |  | 165,000 | 227,000 | 290,000 | 363,000 | 412,000 | 1,457,000 |
| **Present Value Total Benefits** |  | 150,000 | 187,603 | 217,881 | 256,216 | 255,819 | 1,067,519 |
| **Development Costs** |  |  |  |  |  |  |  |
| hardware | 64,500 | 0 | 0 | 0 | 0 | 0 | 64,500 |
| Network system | 20,000 | 0 | 0 | 0 | 0 | 0 | 20,000 |
| server | 11,500 | 0 | 0 | 0 | 0 | 0 | 11,500 |
| Place to work | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 |
| Database admin | 74,000 | 0 | 0 | 0 | 0 | 0 | 74,000 |
| developers | 120,000 | 0 | 0 | 0 | 0 | 0 | 120,000 |
| **Total Development Costs** | 440,000 |  |  |  |  |  | 440,000 |
| **Operational Costs** |  |  |  |  |  |  |  |
| maintenance |  | 20,000 | 23,000 | 24,000 | 27,000 | 28,000 | 122,000 |
| marketing |  | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Delivery |  | 50,000 | 75,000 | 80,000 | 85,000 | 90,000 | 380,000 |
| Staff |  | 20,000 | 23,000 | 24,000 | 26,000 | 29,000 | 122,000 |
| **Total Operational Costs** |  | 120,000 | 151,000 | 158,000 | 168,000 | 177,000 | 774,000 |
| **Total Costs** | 440,000 | 120,000 | 151,000 | 158,000 | 168,000 | 177,000 | 1,214,000 |
| **Present Value Total costs** | 440,000 | 109,090 | 124,793 | 118,707 | 114,746 | 109,903 | 1,017,239 |
| **Total Benefits-Total Costs** | (440,000) | 45,000 | 76,000 | 132,000 | 195,000 | 235,000 | 243,000 |
| **Cumulative Net Cash Flow** | (440,000) | (395,000) | (319,000) | (187,000) | (8,000) | 243,000 |  |
| **Return on Investment (ROI)** | 0.2% |  |  |  |  |  |  |
| **Break-Even Point (BEP)** | 4.89 year |  |  |  |  |  |  |
| **NPV** |  |  |  |  |  |  | 50,280 |
| **Intangible Benefits** |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Task Id** | **Task name** | **Assigned to** | **Duration**  **(days)** | **Start**  **date** | **Finish**  **date** | **Duration (days)** | **Start**  **date** | **Finish**  **date** | **Dependency** | **Status** |
| **1** | **planning** |  | **22** | **28/2** | **29/3** |  |  |  |  |  |
| **1.1** | **System request** | **Aya Abdelaziz** | **5** | **28/2** | **4/3** |  |  |  |  | **done** |
| **1.2** | **Feasibility analysis** |  | **11** | **7/3** | **21/3** |  |  |  | **1.1** | **done** |
| **1.2.1** | **Technical Feasibility** | **Ashrakat** | **5** | **7/3** | **11/3** |  |  |  |  | **done** |
| **1.2.2** | **Economic Feasibility** |  | **11** | **7/3** | **21/3** |  |  |  |  | **done** |
| **1.2.2.1** | **Cost and benefits list** | **Habiba** | **3** | **7/3** | **9/3** |  |  |  |  | **done** |
| **1.2.2.2** | **Development costs** | **Aya elgzar** | **2** | **10/3** | **11/3** |  |  |  | **1.2.2.1** | **done** |
| **1.2.2.3** | **Operational costs** | **Eman** | **2** | **10/3** | **11/3** |  |  |  | **1.2.2.1** | **done** |
| **1.2.2.4** | **Benefits values** | **Bdor** | **3** | **10/3** | **14/3** |  |  |  | **1.2.2.1** | **done** |
| **1.2.2.5** | **Economic values** | **Ashrakat** | **5** | **15/3** | **21/3** |  |  |  | **1.2.2**  **(2,3,4)** | **done** |
| **1.2.3** | **Organizational Feasibility** | **Mna** | **5** | **7/3** | **11/3** |  |  |  |  | **done** |
| **1.3** | **Work plan** | **Ashrakat** | **6** | **22/3** | **29/3** |  |  |  |  | **open** |
| **1.3.1** | **WBS** |  | **3** | **22/3** | **24/3** |  |  |  |  |  |
| **1.3.2** | **Gantt chart** |  | **3** | **25/3** | **29/3** |  |  |  | **1.3.1** |  |
| **2** | **analysis** |  |  |  |  |  |  |  |  | **open** |

Group :1

Section:4

Team:

1. اشرقت حلمي فاروق عبدالعظيم
2. ايه احمد عبدالعزيز محمد
3. ايه سعيد محمد سليمان
4. ايمان قدري احمد سيد
5. بدور فرغل شوقي خالد
6. حبيبة مصطفي احمد حسانين
7. منة الله صلاح محمد رمضان