Dealings Application
SYSTEM REQUEST & FEASIBILITY ANALYSIS

System Request

Dealings Project
(project that facilitates interaction between different professionals and clients)

project sponser	*E-commerce Company.*
Business Need	**This project was created to:** **1-** facilitate communication between different professions (doctors, engineers, electricians, plumbers, barbers, hairdressers……etc.) and customers who are located in different places and find it difficult to reach the owners of these professions easily. **2-** Increase job opportunities for different professions. **3-** Professionals can be contacted at any time or when necessary. **4-** reduce unemployment.
Business Requirements	**1-** This application can be used using both Android and IOS systems. **2-** This application is used for ease of communication between the customer and the users (professionals). **3-** Create an account on the application for professionals with monthly subscriptions. **4-** Entering experience or certificates for professionals and evaluating them. **5-** Organizing appointments and the appropriate time for each client.
Business Value	We expect that the App (Dealings) will increase job opportunities for people with professions, which will increase their income and increase the application's revenues even more. Conservative estimates of tangible value to the App include the following: • *6,800,000 $ in increasing sales.* • *794,000 $ in Downloading the App.* • *533,250 $ in visiting the website.*
Special Issues or Constraints	**1-** Finish this project within a period not exceeding one year. **2-** The professionals involved in the application should be highly experienced. **3-** If a customer complains about the profession, the program will automatically send alerts to him, and if the complaints increase again, he will be removed from the application.

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Technical Feasibility

- ## *Familiarity with Application:*

- Marketing Department has expertise in advertising, marketing and business management.

- Right now, there are many sites that offer this service to connect consumers and professionals, so we're going to have a problem with that, and to overcome that, we're going to add a lot of advantages.

- ## *Familiarity with Technology:*

- The IT department has good knowledge of the website used in this system and the databases and IOS App, but not enough knowledge of the Android App, and we'll still use another company for that.

- ## *Project Size:*

- The project requires a team of about 15 people.
- Money is required to subscribe through App.
- The project will take a year because it will perform many functions.

- ## *Compatibility:*

Compatibility is good enough to be able to integrate the system with its old currency, and we can also develop this system in the future if we want to.

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Economic Feasibility "Cost–Benefit analysis"

Benefits	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Increased Sales		$100,000	$700,000	$1,000,000	$2,000,000	$3,000,000	$6,800,000
Times Of Download The App		$30,000	$90,000	$110,000	$136,000	$428,000	$794,000
Times Of Visiting The Website		$15,000	$29,000	$85,000	$168,250	$236,000	$533,250
Total Benefits		$145,000	$819,000	$1,195,000	$2,304,250	$3,664,000	$8,127,250
PV Total Benefits		$131,818	$744,545	$1,086,364	$2,094,773	$3,330,909	$7,388,409
Development Costs							
Android Developer	$50,000	0	0	0	0	0	$50,000
IOS Developer	$50,000	0	0	0	0	0	$50,000
Web Developer	$60,000	0	0	0	0	0	$60,000
Android Device	$1,200	0	0	0	0	0	$1,200
Iphone Device	$1,200	0	0	0	0	0	$1,200
4 laptops Devices @ $1500	$6,000	0	0	0	0	0	$6,000
Sotfware Licenses	$800	0	0	0	0	0	$800
Server Software	$6,000	0	0	0	0	0	$6,000
Database Storage	$3,351	0	0	0	0	0	$3,351
Backup Storage	$120	0	0	0	0	0	$120
Total Development Costs	$178,671	0	0	0	0	0	$178,671
Operational Costs							
Hardware		$500	$500	$500	$500	$500	$2,500
Software		$9,471	$9,471	$9,471	$9,471	$9,471	$2,500
Total Operational Costs		$9,971	$9,971	$9,971	$9,971	$9,971	$49,855
Total Costs	$178,671	$9,971	$9,971	$9,971	$9,971	$9,971	$228,526
Net Benefits (Total Benefits - Total Costs)	($178,671.00)	$135,029	$809,029	$1,185,029	$2,294,279	$3,654,029	$7,898,724
Cumulative Net Cash Flow	($178,671.00)	($43,642)	$765,387	$1,950,416	$4,244,695	$7,898,724	
Return on Investment (ROI)	34.56378705 %						
Break-Even Point (BEP)	1.053943678 Years						
PV Total Costs	$178,671	$9,064.55	$8,240.5	$7,491.36	$6,810.33	$6,191.21	$216,469
NPV (PV Total Benefits - PV Total Costs)	$7,171,940						

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