

## Resource Requirements based on the project WBS

Task	Resources
1. Data Collection and Project Management 1.1 Project Planning 1.2 Evaluate for Areas of Improvement 1.3 Budget Planning 1.4 Project Organization 1.5 Risk Planning 1.6 Scheduling	Technical (2) HR (1) Finance (1) Data Analyst (2) Marketing Consultants (1) Project Manager (1) IT Coordinator (2)
2. Project Analysis 2.1 Interviewing 2.2 Requirements and Specifications 2.3 Reporting Needs 2.4 Choose Product Design 2.5 Design Prototype	Technical (2) Finance (1) Data Analyst (2) Marketing (1) System Analyst (2) IT Coordinators (2)
3. Implementation 3.1 Create Database 3.2 Start Coding 3.3 Developing Account Section 3.4 Developing Appointment Section 3.5 Develop Online Session Module 3.6 Creating Announcement and Helpline Section	Database Administrator (2) Software Developer (3) Web Developer (2) UX/UI designer (1) Hosting (1) Hardware (5) Internet Service

3.7 Developing a website	
4. Determine Protocol and MVP 4.1 Maintain Data Confidentiality, Integrity 4.2 Map Out User Flow 4.3 Prioritize MVP 4.4 Create User Manual	Software Developer (1) UI/UX Designer (1)
5. Testing and Quality Assurance	Testing Software (1) QA Engineer (1)
6. Marketing 6.1 Create Promotional Content 6.2 Ensure Organic Visibility 6.3 Price Selection 6.4 Define Target Audience 6.5 Select Social Network Site 6.6 Execute Best Practice	Technical (2) Finance (2) Supplies Hardware (5) Marketing Consultants (1) Project Manager (1)

### Resource wise cost budgeting

Resources	Budget	Duration
<b>Human Resource</b> <ul style="list-style-type: none"> <li>• Project Manager</li> <li>• HR</li> <li>• Finance Manager</li> <li>• Marketing Consultant</li> <li>• IT Coordinator</li> <li>• Data Analyst</li> <li>• System Analyst</li> <li>• Database Administrator</li> <li>• Software Developer</li> <li>• Web Developer</li> <li>• UI/UX Designer</li> <li>• QA Engineer</li> </ul>	Tk. 70,000 Tk. 60,000 Tk. 45,000 Tk. 55,000 Tk. 35,000 Tk. 65,000 Tk. 50,000 Tk. 50,000 Tk. 45,000 Tk. 30,000 Tk. 40,000 Tk. 35,000	Permanent Permanent Permanent 3months 3months 2.5months 4months Permanent Permanent 1.5months 1month 1month
<b>Equipment</b> <ul style="list-style-type: none"> <li>• Computer</li> <li>• Internet Service</li> <li>• Server</li> </ul>	Tk. 8,00,000 Tk. 20,000/6m Tk. 62,000	Permanent Permanent Permanent
<b>Materials</b> <ul style="list-style-type: none"> <li>• Database</li> <li>• Design Software</li> <li>• Hosting</li> <li>• Testing Software</li> <li>• Marketing Materials (Brochure, Flyers, Advertising)</li> </ul>	Tk. 10,000 Tk. 5,000 Tk. 10,000/1m Tk. 5,000 Tk. 35,000	Permanent 1month Permanent 1month 3month
<b>Total</b>	<b>Tk. 15,27,000</b>	

### Identifying risks and calculate priority using FMEA (Failure Mode Effects Analysis)

Tasks	Severity	Likelihood	Detection	Risk Priority Number (RPN)
1.2 Evaluate for Areas of Improvement	5	7	3	105
1.6 Scheduling	8	5	2	80
2.5 Design Prototype	8	6	2	96
3.1 Create Database	9	4	3	108
4.1 Maintain Data Confidentiality, Integrity	8	5	7	280
5. Testing and Quality Assurance	6	4	2	48
6.4 Define Target Audience	8	7	1	56
6.5 Select Social Network Site	9	7	1	63