Team 6

Dr. Prosenjit Chatterjee

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Project Assignment 1: Requirement Gathering (Team)

1. Functional Requirements
   1. Distress Relief Applications
   2. Search Bar Functionality
   3. Website Functionality
   4. Mobile Responsiveness
      1. Website to be functional on mobile devices
   5. Feedback Functionality
   6. User Authentication & Functionality
2. Database Requirements
   1. SQL Database Design
   2. User Login Information
      1. First name, last name, username, password, email, etc.
   3. Services Information
      1. Database for services offered
   4. User Applications & Donations
      1. Database for applications & donations received
3. Software Requirements
   1. HTML5/IDE’s
      1. Used for building website
   2. JavaScript
      1. Used for building functionality
   3. CSS
      1. Used for styling the website’s pages
   4. GitHub
      1. Used for file sharing & project building
   5. Microsoft Office
      1. Used for various documentation methods
4. Hardware Requirements
   1. Laptops
      1. Used for programming & coding
   2. Routers/Modems
      1. Used for internet connection
   3. External HDs/SSDs
      1. Used for information storage
5. Non-Functional Requirements
   1. Group Meetings
      1. Every Wednesday @ 6PM
   2. Documentation
      1. Ensure everything done is documented & accounted for
6. Plan of Execution
   1. Project Timeline/Deliverable
      1. Plan for how long everything will take & when certain tasks should be completed
   2. Communication Plan
      1. Communicate progress effectively
   3. Role Assignment
      1. Determine who will build what for the website
   4. Constraints & Risk Mitigation
      1. What might hold us back & how will we deal with it
7. Security
   1. Encryption
      1. Used for sensitive information
   2. Backup & Disaster Recovery
      1. Used for emergency situations, in case information is lost/tampered with
   3. Updates & Patches
      1. Used to ensure website & its functionality is up to date for less chance of cyber-attacks/bug issues
8. Infrastructure
   1. Home Page
      1. Basic information about website to help direct user in right direction
   2. About Us Page
      1. Information about our company & how/who we’ve helped in the past
   3. Information Page
      1. Information about distress types & mitigation methods
   4. Apply Now Page
      1. Applications for distress relief services
   5. Donate Now Page
      1. Donations for those experiencing distress
   6. Extras Page
      1. External resources & additional help
9. Contingency Plan
   1. Will adjust meeting times depending on project progress throughout semester
10. Specialization Required Resources
    1. Legal & Ethical Compliances
    2. Website Programming Knowledge
    3. JavaScript Knowledge