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**Part 4**

4. [15 POINTS] Software Requirements including

4.a.) [5 POINTS] Functional requirements. To simplify your design, please keep your functional requirements in the range minimum 5 (five) to maximum 7 (seven). (Ch 4)

* User must access service i.e., website/mobile application
* User must be able to login/logout
* Search/add/remove contacts
* Ability to send text messages and join calls between mutually added contacts
* Ability to create/edit/delete/share/print “whiteboards”
* Ability to add and edit content to whiteboards

4.b.) [10 POINTS] Non-functional requirements (use all non-functional requirement types listed in Figure 4.3 - Ch 4)

* Product Requirements
  + Usability Requirements

1. Easy and/or simple to use UI
2. Easy to learn application
   * Efficiency Requirements
     + Performance Requirements
3. Minimal Latency (< 12ms)
   * + Space Requirements
4. Text messages < 4MB, whiteboard < 12MB
   * Dependability Requirements
5. Failure Rate < 4%
   * Security Requirements
6. Password specifications
7. Reset password authentication

* Organizational Requirements
  + Environmental Requirements

1. User may be in noisy environment: built-in background noise suppression
   * Operational Requirements
2. Requires space on user’s PC to download application
3. Requires stable wifi
4. Minimum 30kbps
   * Development Requirements
5. Html, CSS, PHP, SQL, javaScript

* External Requirements
  + Regulatory Requirements

1. Function in accordance with TCPA
2. Users agreeing to Terms of Service and Privacy Policy
   * Ethical Requirements
3. Assure users their personal information (address, DOB, any payment methods, etc.) will never be shared
   * Legislative Requirements
     + Accounting Requirements
4. Limit the Use of Storage of Sensitive Data
   * + Safety/Security Requirements
5. Web Application Security Standards

<https://hhs.texas.gov/sites/default/files/documents/doing-business-with-hhs/contracting/web-mobile-minimum-security-standards.pdf>