**Appendices**

Interview Transcript

Research story:

Interview participant **Ms. Sital Rani Alinsunurin**

Organizational post/Research stake: **Secretary of Calamba DILG Office**

Date and Time of interview:

Place of interview: **Calamba DILG Office**

Interviewer: **Roselyn Ann Balacua**

**Leo Mark Anthony Llave**

**Hazel Montanes**

**Hazel Montanes**

Context of the interview*: The first interview session we conducted*

*I highly respect the decision of my interviewee for we refuses to record our conversation but instead I was advised to take down all the conversation that we have.*

**Interviewer**: Paano po ba yung way ng pag papasa ng report, pupunta po ba sila dito or meron po kayong…

**Ma’am Sital**: Ngayon kasi ano nag papasubmit kami online through email, familliar ba kayo sa Google sheets?

**Interviewer:** Opo

**Ma’am Sital:**  Oo, kasi ngayon, yun yung ginagamit namin Google sheet lang manually pa rin naman encoding namin (may pinakita sa Laptop), eto kasi yung tarahan namin na ginagamit sa Barangay. (tinuro yung laptop), yan yung ano yung report, kailan yung deadline, tapos kelan sila nag submit, sa remarks kung incomplete ba kung okay na sya tapos kung for revision ganun yun yung nakalagay tapos isa isa namin yan ine encode para nga doon sa awarding namin for end of the year. Dun kasi namin siya kino compute. Meron kaming parang ano lang ngayon na diba 1 to 54 Barangays yan, so kapag halimbawa ikaw ang una syempre ang ilalagay sayo one ka. Kung ano yung pinaka mababang score ikaw yung most compliant Barangay kasi ikaw yung laging number one, tapos yung pinaka mataas na score ikaw yung laging late. (may tinatanoong sa ka-office mate nya)

**Interviewer:** Mano-mano nyo pa po talaga yun ginagawa?

**Ma’am Sital:** Oo sa Google sheet, baka pwede or makakagawa kayo ng meron kayong monitoring nung report ng submission tapos meron syang link na macocompute mo na yung points nya for compliance para by the end of the year yung sa awarding, dun nalang kami mag be base.

**Interviewer:** need nyo rin po talaga yung na o-auto compute na?

**Ma’am Sital:** Oo (may tinuro sa laptop), eto cluster to, pero parang ganto yung ginagamit namin dati. Nakalagay na dito lahat ng Barangay, nakalagay dito yung mga report na kailangan nilang isubmit samin tapos nakalagay dun kung anong deadline tapos kung halimbawa naka comply na sya lalabas na green sya, tapos kapag not applicable sa kanila yung report naka black, pag late or incomplete yellow, naka color coding kung ano yung status of compliance nila. Eto naman yung ginagamit namin pag ko compute ng scores nila, eto kaya medyo nahihirapan kami. Kung magagawan nyo kami ng system na yun magiging very useful yon sa office namin. Kasi yung halimbawa na mag comply sila dito baka pwede nga mag auto compute sya dito.

**Interviewer:** Okay opo.

**Ma’am Sital:** Para pag dating ng end of year sa awarding namin, hindi na kami mag kakalkal pa or magpapabalik balik doon sa compliance nila atlease meron ng total ng score, may ranking na sila.

**Interviewer:** Okay sige po. Pero if ever po na ma approved po namin ito, pwede po kami maka hingi ng copy ng data po or kahit sample po ng report?

**Ma’am Sital:** Ng report namin ng ano, sige pwede naman kung makapag decide kayo na ito yung gagawin nyo na kami yung gagawan nyo ng system. Gawa kayo ng letter para ipepresent namin kay Ma’am para maibibigay namin sa inyo yung kakailanganin nyong data.

**Interviewer:** Okay po.

**Ma’am Sital:** Kasi ang dami naming mino-monitor na Barangay tapos ang dami naming report, (may pinakita sa laptop) ang pangit lang kasi dito naka April pa sya naka May, kasi sabi ko sa inyo meron kaming daily, weekly, monthly, quarterly, annual. Baka pwedeng naka separate, sama-sama na dun yung reports na yun per deadline nila yung frequency ng submission. Ayun yung kailangan namin kasi atlease naka system na kami hindi na kami gagamit nung pinakita ko sa inyo na papel na isusulat pa namin. Centralized system na sya na ma a access ng bawat isa para pag may submit na sila, ilalagay nalang dun tapos babaguhin nalang yung status nila.

**Interviewer:** Ayun po talaga yung nagiging problema nyo dito dahil sa dami po ng Barangay satin tapos manu-mano nyo pa po yun ginagawa.

**Ma’am Sital:** Bibigyan ko na kayo ng sample ng mga reports pero yung mga title lang nya then ipinakita ko na naman sa inyo ang sample ng loob para if ever na magagawa nyo na meron na kayong background.

**Interviewer:** Sige po ma’am.

**Interviewer:** Bale ide-defence pa po namin ito kung ma a-approved at sana po ito talaga ang ma approved.

**Ma’am Sital:** Oo kasi ang kailangan lang talaga namin is yung sa Barangay lang ang mahirap imanage kasi 54 Barangays nga tapos manu-mano pa namin syang ginagawa.

**Interviewer:** Sige po ma’am babalik nalang po ulit kami dito kung may mga katanungan pa po kami. Naipaliwanag nyo na naman po lahat ng kailangan namin at mga kinakaharap nyong problema about sa compliance report.

**Ma’am Sital**: Sige thank you sa inyo.

**Interviewer:** Thank you rin po ma’am.

**APPENDIX A**

**ENDORSEMENT for ORAL DEFENSE FORM**

**APPENDIX B**

**CLIENT LETTER**

**APPENDIX C**

**INITI**

**A Web-based Barangay Compliance Report Submission**

**for Department of Interior and Local Government, Calamba City**

Name (Optional): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Accomplished: \_\_\_\_\_\_\_\_\_\_\_

Current position and/or designation: DILG Admin. Barangay Secretary/Barangay Captain

Length of Service: \_\_\_\_ Educational Attainment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many employees does your office have? \_\_\_\_ How many IT staff does your office have? \_\_\_\_

How many desktops/laptops does your office have? \_\_\_\_

In total, how much bandwidth subscriptions do your office have? \_\_\_\_\_\_\_\_\_\_\_\_\_

Download speed: \_\_\_\_\_\_\_\_\_\_\_\_\_ Upload speed: \_\_\_\_\_\_\_\_\_\_\_\_\_

Know how to use a computer: Yes No

How is your office connected to the internet?

Dial-up Direct Subscriber Line (DSL) Fiber Optic Cable (FOC)

Mobile Data Satellite

Dear Respondents:

The researchers are humbly asking permission for the conduct of this survey question which will be used in the completion of this researcher project in compliance to the Degree of Bachelor of Science in Information Technology.

This survey questionnaire is for the purpose is software evaluation which is based on ISO 25010 standard in order to measure the acceptability of the develop of web based.

Using the scale below evaluate the system by placing check ( ) mark on the appropriate column.

**Strongly Agree (SA) – 5**

**Agree (A) – 4**

**Undecided (U) - 3**

**Disagree (D) – 2**

**Strongly Disagree (SD) – 1**

Your feedback and time answering this survey questionnaire is very much appreciated.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Functionality Stability** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Functional Completeness** | The various features and capabilities of the web-based system accomplish all the stated tasks and goals. |  |  |  |  |  |
| **Functional Correctness** | The web-based system provides correct and accurate results |  |  |  |  |  |
| **Functional Appropriateness** | All web-based system functions are appropriate and in accordance with the tasks and objectives that have been specified by the various features and sets of functions. |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Performance Efficiency** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Time Behavior** | The response time and processing time of the web-based system when performing its function meet requirements |  |  |  |  |  |
| **Resource Utilization** | The web-based system utilizes its features efficiently |  |  |  |  |  |
| **Capacity** | The maximum and minimum limits of the web-based system parameters meet the requirements |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Usability** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Appropriateness** | The users understand the purpose and importance of the web-based system with ease. |  |  |  |  |  |
| **Learnability** | The user can use web-based system without difficulty. |  |  |  |  |  |
| **Operability** | The users easily use and operate the web-based system without much effort |  |  |  |  |  |
| **User Error Protection** | The web-based system includes apparent instruction for the users |  |  |  |  |  |
| **User Interface Aesthetics** | The web-based system user interface is appealing and suitable for the preferences of users. |  |  |  |  |  |
| **Accessibility** | Various users with the appropriate context-related credentials can access the web-based system. |  |  |  |  |  |
| **Reliability** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Maturity** | The errors and the faults has been eliminated when used over time. |  |  |  |  |  |
| **Availability** | The web-based system is available, accessible and operational when needed. |  |  |  |  |  |
| **Fault Tolerance** | The web-based system is capable in handling errors |  |  |  |  |  |
| **Recoverability** | The web-based system resume its performance the information after failure |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Maintainability** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Modularity** | The web-based system easily maintained through modular construction its design |  |  |  |  |  |
| **Reusability** | The web-based system different functions can be reused once reconstructed/modified. |  |  |  |  |  |
| **Analyzability** | The functionality of the web-based system's defects and errors can be quickly identified. |  |  |  |  |  |
| **Modifiability** | The web-based system different function can be easily modified. |  |  |  |  |  |
| **Testability** | The web-based system different functions can be easily tested once reconstructed/modified |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Security** | | **SA**  **5** | **A**  **4** | **U**  **3** | **D**  **2** | **SD**  **1** |
| **Confidentiality** | The web-based offers data and information that are only relevant in the given context. |  |  |  |  |  |
| **Integrity** | The web-based system assures users that every task carried out by the web-based application is accurate. |  |  |  |  |  |
| **Non-repudiation** | The web can be used by different types of users without repudiation |  |  |  |  |  |
| **Authenticity** | Every action taken by the wen based is valid and accurate. |  |  |  |  |  |
| **Accountability** | The web based system assures users that every function is carried out in accordance with the goals and specifications stated. |  |  |  |  |  |

**APPENDIX D**

**INTERVIEW TRANSCRIPT**

**Research story:**

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**Judy Ann Septimo**

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**Ma’am Sital**: Sige thank you sa inyo.

**Interviewer:** Thank you rin po ma’am.

**APPENDIX E**

**SOURCE CODE**

**APPENDIX F**

**CURRICULUM VITAE**