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Appendix A

Mobile Navigation example

Mobile operating System

Mobile barcode System

Appendix B

Sample of Evaluation questions

Note: According to school of blind and dumb Sri Lank questionnaires is very short and not the complicated question because of understanding issues, sometime maintains standers according to application at that time ask short explanation with the bracket

Private Confidential	QUESTIONNIRE FOR DISABLED PERSON	Enumerator No		
	Accessibility, Acceptance and Effects of Blend Dumb Application	Form No:		
	University of Moratuwa	Date:		
City:	Faculty of information Technology (MSc Batch 2008)			

Please answer all questions and tick (√) the appropriate boxes where necessary.

Part A: Personal Details

1. Indicate the year you were born ☐☐☐☐
2. Gender: **a. Male** ☐ **b. Female** ☐
3. Indicate the appropriate Village/City

   location.
   a. Home ....
   b. Boarding place ....
   c. Place of study ....

   a. Buddhist ☐   **b. Hindu** ☐   **d. Christian** ☐
   c. Muslim ☐   **e. Other (specify)** ☐ ....

4. Religion:

5. Civil status   **a. Single** ☐   **b. Married** ☐   **c. Widowed/divorced** ☐

6. The level of education you have obtained.

   a. No schooling   ☐
   b. Primary education (grade 1-5)   ☐
   c. GCE (O/L)/NCGE/SSC   ☐
   d. GCE (A/L)/HNCE/HSC   ☐
   e. Certificate/Diploma/Higher Diploma (above A/L but below degree)   ☐
   f. First degree   ☐
   g. Post graduate   ☐
   h. Other specify   ☐ ....

7. Indicate your mother tongue

   a. Sinhala ☐   **b. Tamil** ☐   **c. English** ☐
   d. Other ☐ ....

8. Do you get a monthly income for yourself?   **a.** Yes ☐   **b.** No ☐

   If Yes, Where are you employed in?

   a. The State or Government sector ☐   **b.** The Private sector ☐
   d. Self Employment ☐   **e.** Semi - Govt. sector ☐
   f. Other (specify) ☐   ……………………………

Part B: Current Phone Details:

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9. What is the level of phone used?

	Time
a. No	☐
b. Occasionally	☐
c. Really	☐
d. Not always	☐
e. At all	☐

10. What type of mobile phone currently used?

   a. Nokia ☐   **b.** LG ☐   **c.** Samson ☐
   d. Sony Erection ☐   **e.** Other(specify) ☐ ………………………

11. How much you spend to buy a mobile phone (your current phone price?

   a. 1000-3000 Rs ☐   **b.** 3000-5000 Rs ☐   **c.** 5000-10000 Rs ☐
   d. 10,000-20,000Rs ☐   **e.** Other(specify) ☐ ………………………

12. Usage of ICT in your current study programme(s)? (Multiple answers possible)

	Main Programme (Main Functionality)	Additional Programme(Game/other)
Application usage		
a. Not at all	☐	☐
b. Partly used	☐	☐
c. Only default program	☐	☐

57

13. Knowledge about phone application?

	Main Programme
Method of study	
a. Beginner	☐
b. Meddle	☐
c. Expert	☐
d. Self Study	☐

Part C: Usage of Mobile application

14. The **availability** of phone resources for any of your work easy (Multiple answers possible)

	Institution	Home	Place of Work	Other
a. Call	☐	☐	☐	☐ ....
b. News	☐	☐	☐	☐ ....
c. internet based resources	☐	☐	☐	☐ ....
d. E mail	☐	☐	☐	☐ ....
e. Chat	☐	☐	☐	☐ ....
f. Internet other than e-mail and chat	☐	☐	☐	☐ ....
g. WBT (Web-Based Instruction)	☐	☐	☐	☐ ....

58

h. TV	☐	☐	☐	☐ ....
i. Radio	☐	☐	☐	☐ ....
j. Audio and Video cassettes	☐	☐	☐	☐ ....
k. Overhead/multi media projector	☐	☐	☐	☐ ....
l. Other (specify)	....			

15. Who helps you in phone operations for any dificulties ?

    15.1. **At Home :** **a.** Father/Mother ☐ **b.** Brother/Sister ☐ **c.** Other (specify) ☐

....

    15.2. **At School :** **a.** Teacher ☐ **b.** Laboratory staff ☐ **c.** Friends ☐ **d.** Other (specify) ☐ ......

Part E: Views on Mobile application

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16. Rate the following attributes:

	Strongly Agree	Agree	Disagree	Strongly Disagree	Don't know
a. It is easy to learn	☐	☐	☐	☐	☐
b. You can learn more than from a computer or any other technology.	☐	☐	☐	☐	☐
c. Application help would help you to learn.	☐	☐	☐	☐	☐
d. Mobile is necessary tools in both educational and work settings.	☐	☐	☐	☐	☐
e. You have to be a "brain" to work with phone.	☐	☐	☐	☐	☐
f. Mobile phone enable, learning is an interactive and interesting thing.	☐	☐	☐	☐	☐
g. Blind and dumb application is an effective way of communication with the other peoples.	☐	☐	☐	☐	☐

	Usefulness to Communicate				
	Very high	High	Moderate	Low	Not at all
a. Phone availability	☐	☐	☐	☐	☐
b. Availability phone with internet facility and GPS	☐	☐	☐	☐	☐
c. English language skills	☐	☐	☐	☐	☐
d. Affordability to use Mobile phone facilities	☐	☐	☐	☐	☐
e. Mobile phone literacy	☐	☐	☐	☐	☐
f. Technical guidance	☐	☐	☐	☐	☐
h. It is difficult to use	☐	☐	☐	☐	☐

17. Rate the usefulness of the following attributes with respect to your Mobile programme.

18. Comment on the new application resources with respect to following statements. (Multiple answers possible)

		Mobile programmed				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Don't know
a.	Increase motivation to communicate blind dumb people	☐	☐	☐	☐	☐
b.	Makes my work more interesting	☐	☐	☐	☐	☐
c.	Helps to increase my efficiency	☐	☐	☐	☐	☐
d.	Affordable to use for my studies	☐	☐	☐	☐	☐

(Optional)

Name with Initials: ……………………………………

School/ Institute attending: ………………………………

Thank you very much for your cooperation.