COMP 3020 – Human Computer Interaction 1

Assignment 2

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HOW CAN A MOBILE SYSTEM SUPPORT ZOOLOGIST WHO ARE IN THE FIELD RECORDING ANIMAL BEHAVIOURAL DATA

LOOK
Method of Choice – Guided Tour

Reason – By taking a guided tour of the project I would be able to see what processes they use for recording data as well as have a guide to explain anything I don't quite understand. This allows me to not only know what they do, but also how and why they do it.

By having this information it allows for a deeper understanding of the design problem as well as the users, which equates to more information and a more personalized designed.

ASK
Method of Choice – The Five Whys?

Reason – This along with the Guided Tour mentioned above, would allow for me to further understand what is going on and why. It would also force the zoologist to actually think about what they're doing and the logic behind every step. By doing this you might find steps that may have been missing or that are redundant or unnecessary, which would overall make for a more efficient system.

TRY
Method of Choice – Try It Yourself

Reason – This would allow me to have first hand experience carrying out the methods explained to me in the guided tour as well as act off of what I have learned by watching and listening. Also by performing the task as someone that was not trained to do so, it would give me insight on how I could simplify the process for others in the future.

LEARN
Method of Choice – Activity Anaysis

Reason – By listing all tasks, actions, objects , and interactions, it allows to have even deeper understanding of what is happening. This combined with the information from the guided tour, asking the 5 whys and trying it out myself, would allow me to have as complete an understanding of the situation and would allow me to design a mobile support system, that would not only be efficient and simple, but also complete.

HOW CAN TECHNOLOGY SUPPORT AN IMMIGRANT TO CANADA WHO IS TRYING TO LEARN OUR CULTURE, PRACTICES AND ENGLISH AT THE SAME TIME?

LOOK
Method of Choice – Rapid Ethnography

Reason – I would be able to spend time with both immigrant and Canadian families in Canada to learn. From the Canadian families, I could learn more about the culture and customs, and from immigrant families I could learn about transitioning and cultural similarities. All this information would allow for me more natural way of learning when implementing the support technology, since it would be based off of individuals that went through the process already.

ASK
Method of Choice – Foreign Correspondents

Reason – I would be allowed to contact individuals in other countries and be able to learn what they already know about Canada and Canadian culture and figure out what they want to know the most. This would allow for a more targeted effort when designing the technology.

TRY
Method of Choice – Empathy Tools (go to a place where I don't know the culture and language)

Reason – Would allow for me to feel how the client would feel, which it turn would allow me to come up with more idea because I've experienced the situation first hand.

LEARN
Method of Choice – Cross Culture Comparisons

Reason – This coupled with the Rapid Ethnography & Foreign Correspondents would allows for me to see difference & similarities between Canadians & Immigrants and also different sects among the Immigrants group. This would allow for me to understand what would be the most important things to provide aid for as well as provide personalized aid for each sect, allowing for more targeted support.