**HCI CLASS ACTIVITY**

**Section: C**

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| **#** | **Hypothesis** | **Dependent Variables** | **Independent Variables** |
| **1** | **Null Hypothesis:**  readability is uncorrelated to Font size.  **Outcome:**  Due to decrease in font size, error rate will increase.  **Hence**:  readability is dependent on Font size | * Readability | * Font size |
| **2** | **Null Hypothesis:**  Increase time and difficulty in clicking is uncorrelated to Button size and shape.  **Outcome:**  Due to decrease in button size and shape,  Difficulty and time increases (according to fits law).  **Hence**:  Increase time and difficulty in clicking is dependent on Button size and shape | * Increase time and difficulty in clicking | * Button size and shape |
| **3** | **Null Hypothesis:**  Learnabilityis uncorrelated to familiarity and consistency.  **Outcome:**  Due to using metaphors and affordance, It provides familiarity which will increase user’s learnability (according to the principle Visibility).  **Hence**:  Learnabilityis dependent on Metaphors and affordance. | * Learnability | Using metaphor and affordance |
| **4** | **Null Hypothesis:**  Push notification reminder is uncorrelated to flexibility  **Outcome:**  The task for the user to remember the time, is now migrated to the system and system will notify to the user (according to the principle of task migratibility).  **Hence**:  Flexibility is dependent on push notifications reminder. | * Flexibility | * push notification reminder |