Usability Test Plan

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Document tested: User Help Manual - Clever Python Iterables

Objectives:

State the purpose of your test and what it hopes to accomplish.

1. Determine whether User Help Manual is tailored to to expect the appropriate amount of background knowledge

2. Identify sections of the User Help Manual that are over-descriptive or under-descriptive

3. Understand when certain sections of the User Help Manual may be frustrating to the user

Users

Complete the following information about the user that will participate in the usability test:

Age: 20

Gender: Male

Expertise level with software/website (expert, novice, etc): Proficient

Comfort level with technology (high, low, etc): High

Methods:

Test Setting:

At a table in a doorm room. Subject has laptop for executing instructions as well as printed-out manual

Necessary Equipment:

Laptop, printed User Manual, python 3.6+ and standard library, test dictionary file

Estimated Test Length:

15-20 minutes

Tasks users must complete:

read manual all the way through once and only once

Use a list comprehension to parse a provided list for some (but not all) members using conditionals,

Use zip builtin method to combine subsequent list with a different list with each corresponding item as a tuple

sort list alphabetically using sort builtin and lambda function

Method and procedure for testing document:

subject is asked to read the manual one time completely through before beginning programming task

user is given a full description of goal of programming task. Take as long as needed to help user understand *what* they are supposed to accomplish with the programming task, not *how* to do so

allow user to try to complete programming task with allowed reference to the manual. Note time taken to complete each stage and number of returns made to manual

Data collected (Number of errors made, time taken to complete task, user satisfaction level with the document, etc):

total number of times user returns to manual in order to figure out something

total amount of time per stage of programming task