**[Goal Explanation]**

**Thank you for participating our experiment,**

**We are currently comparing three techniques with the force detection technology on mac.**

**Before we start, there are two questions that we would like you to answer:**

**[Questions]**

**From a scale of 1 to 5, 1 being very unfamiliar and 5 being very familiar.**

**(1) How familiar are you with mac touch pad?**

**(2) How familiar are you with force touch on Mac?**

**[Task Explanation]**

**In this study, there are 3 different techniques. You will be asked to perform each technique 5 times for each block, there will be 3 blocks.**

**Before the experiment, there is a test experiment to let you get familiar with the techniques used.**

**The goals of all sessions are the same: find the target image in the document.**

**There is only one image in the document, and its relative position to your starting point is described before each session.**

**At the end of each block, please take a 30s break if need to.**

**----**

**[Traditional]**

**Mac uses two finger to scroll.**

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**[ForceScroll]**

**1. ForceScroll is a technique that allows you to reach the begining of each chapter.If you scroll up (or left), you can reach the start of the current chapter (or a previous chapter if the header of the current chapter is visible)**

**<<DEMO>>**

**If you scroll down (or right), you can reach the start of the next chapter**

**<<DEMO>>**

**2. Mac provides tactile feedback for touchpad. Try press on the touchpad, you can feel a first feedback that indicates "clicking", however, if you apply more force, then you can feel another feedback which indicates the activation of force scroll.**

**3. You can stop the automatic scrolling process by a traditional scroll or a click.**

**[ForcePress]**

**When the cursor In the upper half of the browser, clicking on the touchpad will start scrolling upwards. Likewise for scrolling downwards.**

**The harder you press, the faster it will be.**