General Questions

1. What is your level of knowledge of how a CPU functions?

1   2   3   4   5

None   Slight   Some   A lot   Full

2. Please try explain how an equation (for example, "ADD") is completed by the CPU:

3. What is your level of knowledge of register machine simulators?

1   2   3   4   5

None   Slight   Some   A lot   Full

4. Have you used a register machine simulator?

Yes   No

     4a. If yes, please state the name, and any good/bad points about the simulator:

     4b. If yes, please briefly describe what a register machine simulator is:

My name is Jean Power, and I am a MSc student in IT/SD.

I have developed an application which simulates a Register Machine called RodRego. A register machine is a theoretical computer that consists only of memory locations, and a processing unit.

This project requires a visual interface which is clear and conveys the concept of a register machine to someone who has no knowledge of how a CPU works or what a register machine is. It is hoped that using this application will help increase knowledge of how a CPU works.

To ensure I have met these goals, I am required to do user testing.

I will ask you to download the application to your device, and use it over the space of a week. During this week, you will complete the tutorial and attempt to create programs within the Reggie application. There will then be further questions and a debrief.

Please note that this application has been tested, but is still in development so some bugs may remain. A backup of the device should be stored on a PC prior to installing the application. This application requires access to read/write to the SD card/emulated SD card solely for loading and saving text files containing programs. No other permissions are required.

If you do consent to participate, please note that your data will be kept completely anonymous. Any feedback you provide may be used in my thesis, in an anonymous manner.

You may withdraw your consent at any time without any penalty – I will provide you with my e-mail address should you have any questions after this evaluation, or you want to withdraw your consent.

By signing below you agree to take part in this evaluation, that you are over 16 years of age, you are happy for me to use your data in an anonymous manner in my thesis and to update the deployed application as appropriate.

---   --

Signature   Date