North Carolina State University
INFORMED CONSENT FORM for RESEARCH

Title of Study: Gamification of Collective Intelligence

Principal Investigator: Pradeep Murukannaiah

What are some general things you should know about research studies?
You are being asked to take part in a research study. Your participation in this study is voluntary. You have the right to be a part of this study, to choose not to participate or to stop participating at any time. The purpose of this research study is to increase our understanding of gamification techniques within an analysis of competing hypothesis (ACH) framework. You are not guaranteed any personal benefits from being in a study. Research studies also may pose risks to those that participate. In this consent form you will find specific details about the research in which you are being asked to participate. If you do not understand something in this form it is your right to ask the researcher for clarification or more information. A copy of this consent form will be provided to you upon request. If at any time you have questions about your participation, do not hesitate to contact the researcher(s) named above.

What is the purpose of this study?
This study seeks to understand the impact of using gamification techniques during analysis of competing hypothesis (ACH) exercises. ACH is a leading approach for decision making under uncertainty from the field of intelligence analysis. Gamification involves the use of game mechanics in non-game situations as a means to motivate users to solve problems. By exploring the viability of gamification in an ACH framework, we hope to further the science of intelligence analysis by increasing the effectiveness of decision makers through this novel technique.

What will happen if you take part in the study?
If you agree to participate in this study, you will be asked to (1) complete a brief personality survey and (2) participate in a game where the primary task is to both generate hypotheses for given statements and rate hypotheses that have been generated by others.

Risks
There are minimal risks to this study. You should know, however, that the information you provide is not anonymous in that your MTurk Worker ID is considered identifiable information.

Benefits
This study will advance our knowledge gamification strategies during hypothesis generation.

Confidentiality
The information in the study records will be kept confidential. Data will be stored securely in a password protected account on an NCSU server. No reference will be made in oral or written reports which could link you to the study. While the researchers are taking measures to protect your identity, there is a small possibility responses could be viewed by an unauthorized party (e.g. a computer hackers).

Compensation
For participating in this study you will receive at least $1 payment via Amazon Mechanical Turk. Depending on the task, the payment can be up to $4. However, payment is contingent upon providing thoughtful, quality data. The researcher will determine the quality of the data.

What if you have questions about this study?
If you have questions at any time about the study or the procedures, you may contact the researcher, Pradeep Murukannaiah, at pmuruka@ncsu.edu.

What if you have questions about your rights as a research participant?
If you feel you have not been treated according to the descriptions in this form, or your rights as a participant in research have been violated during the course of this project, you may contact Deb Paxton, Regulatory Compliance Administrator, Box 7514, NCSU Campus (919/515-4514).

Consent To Participate
"I have read and understand the above information. I will receive a copy of this form if I ask for one. I agree to participate in this study with the understanding that I may choose not to participate or to stop participating at any time without penalty or loss

of benefits to which I am otherwise entitled. I understand that by clicking to proceed with the study, I agree to consent to these terms."

Investigator's signature_____ Date _____