REPORT ON ETHICS PROPOSAL
REF# CSE00950 (Version 1)
TITLE: Impacts of climate change, variability and agriculture adatation
SUBMITTED BY: ██████████, Postgraduate
FROM THE: School of Geographical and Earth Sciences
REVIEWERS: Marie-Helene Grosbras, Rob Jenkins, Simon Garrod

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

The title of my thesis is â•œImpacts of Climate Change, Variability and Agriculture Adaptationâ•š. The study seeks to understand the knowledge and perceptions of the rural community of the impacts of climate change and variability in agricultural-based livelihoods, to investigate the role of agricultural indigenous traditional farming methods employed by the small-scale farmers in coping with and adapting to the impacts of climate change, and to assess the limitations encountered in tackling the impacts of climate change at the local community level. Hence the research will contribute to the theoretical understanding of the communityâ•Žs role and participation in the management of the impacts of climate change at the grassroots level, widening debates about policy and practices of climate management from the perspective of community-government partnership by bringing together community members who would not normally have the opportunity to meet and discuss â•Ÿthe big pictureâ•Ž of their role in community development.

In order to achieve this, the study is guided by the following research questions: what are the observed impacts of climate change on agriculture? Which are the specific socio-economic, bio-physical and institution indicators, and how do they play a role in the vulnerability of the community to climate change? What role do agricultural indigenous traditional farming methods play in coping with and adapting to climate perturbations? What are the challenges that rural farmers face in coping with and adapting to the impacts of climate change and variability. I am interested in the dynamic relationship between households, community and country: on how they predict, and create possible responses for managing the impacts of climate change in agriculture, and how certain strategies limit and/or enhance coping and adapting to the changing conditions.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

This research is funded by Dar es Salaam University College of Education under the scholarship of the Science and Technology Higher Education Project (STHEP).

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

The study will employ a mixed methods approach and will include face-to-face semi-structured interviews, questionnaires, group interviews, structured observation, guided transect walk observation and oral history. The researcher will employ a semi-structured interview so as to give the participants a suitable opportunity to discuss what is important to them, rather than restricting their responses through closed questions. Semi-structured interviews will facilitate in the capture of in-depth information both qualitative and quantitative data. The study anticipate to conduct 36 interviews with key informants from the eight

wards (e.g. ██
██
██).

Questionnaire interviews will be used to obtain respondentsâ•Ž perception, priorities, preferences attitudes and opinions on the problem understudy. The technique is preferred because it promotes standardization of both the asking question and the recording of answer, hence reducing error that could occur from variation in asking of questions thus providing greater accuracy in and ease of processing respondentâ•Žs answers (Bryman, 2008). The study anticipates administering 200 householdsâ•Ž questionnaires (i.e. 100 questionnaires in the highlands and 100 questionnaires in the lowland). This will make it easier in making comparison on respondentsâ•Ž perceptions on the impacts of climate change and adaptation strategies between highlands and lowland pain farmers. The sample for the questionnaire interview will be obtained through stratified sampling techniques. Firstly the survey aims for an equal number of responses from highland and lowland populations. Secondly, the population from the villages that will form the sample study will be calculated and this will generate the proportions of the questionnaires to be completed in each village. Finally, through the use of random sampling, the households to be interviewed will be identified from the exhaustive list of a households register for the village.

Group discussion method will facilitate generating consensus through verification or clarification and developing collective agreements and understandings on issues that may have been raised during interviews that is cross checking and balancing of the respondentsâ•Ž views. It will provide a chance for individuals to argue and challenge each otherâ•Žs views hence helping the researcher to stand a chance of obtaining more realistic views about what people think, because they are forced to think about and possibly revise their views. The method will provide the researcher with the ability to develop an understanding about the feelings of the participants about the problem of climate change and facilitate the elicitation of a wider variety of different views in relation to climate change. Under the criterion of location the study will conduct 4 focus group interviews two in the highlands and two in the lowland plains. Local history interviews will provide more detailed account on how things have changed or are changing under climate change scenarios, where histories of climatic hazards (e.g., floods and drought), rainfall trends and variability, pest invasion, weevil management, health trends and epidemics and occurrence of hunger will be developed. Oral history interviews will be conduct with 6 elders from both highlands and lowland plains. The persons (elders) who will be found most cooperative and enthusiastic during householdsâ•Ž interviews will be selected to participate in the oral history interview. Interviews will be conducted in places where participants will feel most comfortable (no disturbance from any other people, noise, etc): most probably at home or place of work (in the farm or office).
Recording of the interviews will be done only with the consent of the interviewee and transcribed during data analysis. It is anticipated that each interview and questionnaire sessions will last for no more than one hour while group discussion will last for one and half hours.

Structured observation and guided transect walks will facilitate in observing, identifying different zones and environmental conditions, and asking questions to identify problems and possible solutions that can be adopted in ameliorating the problems caused by the changing climate. The methods will provide the researcher with an opportunity to learn about the topography, soils, land use, forests, watersheds and community assets on how they have been affected by the changing climate.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

The study has no physical affect on individuals participating in the research. However, in the process of interviewing, if the respondent shows any sign of emotional distress the interview will be stopped immediately.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

This study involve human subjects, hence as any other research involving human subjects it carries with it ethical implications. This study will take into consideration all ethical guidelines; i.e. the full nature of the research will be explained to the participants and informed consent and anonymity offered, and participation of individuals will be voluntary. The participants will be reminded that they can disengage from the study at any point and they are free to respond or not to respond to any question asked by the researcher during the interview. The researcher will respect all the wishes expressed by all participants. Similarly, the interviews will be conducted in areas where the participants feel comfortable (no disturbance from people, noise, etc). No members of vulnerable groups will be interviewed.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

The study will only involve adults both male and female, from the age of 18 and above who are involved in farming activities. Expected participants will have no mental disability and will not be under the age of 18, but will be adults capable of providing fully informed consent to participate in the study.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

The study will not make any payment to the participants; however the researcher may provide soft drinks, mineral water, fruits and biscuits during interviews only to ensure participantsâ•Ž comfort, but not to act as an incentive or bribe to participate in any way.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

The research permit letter providing a permission to conduct research in Kilimanjaro region in Mwanga district will be obtained from the University of Dar es Salaam from which the researcher is an employee. The permit letter will be submitted to the regional administrative secretary who will issue a letter introducing the researcher to the district, and the district authority will subsequently issue a research permit for the study to be undertaken in different wards in the district. The sample will be drawn from eight wards out of the sixteen wards of the district. From the eight wards selected, four wards will cover the mountain range and the other four will cover the lowland plain area. Identification of the wards/village and households that will form the sample for the study will be done by the researcher in collaboration with the ward executive officer, village executive officer, village agricultural officer and hamlet leaders who will also introduce the researcher to different participants to be interviewed. The sample for the questionnaire interview will be obtained through random sampling techniques. Firstly the survey aims for an equal number of responses from highland and lowland populations. Secondly, the population from the villages

that will form the sample study will be calculated and this will generate the proportions of the questionnaires to be completed in each village. Finally, through the use of table of random numbers, the households to be interviewed will be identified from the exhaustive list of a households register for the village. The semi-structured interviews will be conducted with key informants such as agricultural, forestry and veterinary officers, ward development committee, minister of agriculture and NGO's representatives. Interviewing process will commence by the researcher explaining to the participant the objective of the study, anonymity and confidentiality of the whole research process and respondent's consent to participate in the interview will be taken by signing the consent form.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes, I have made myself familiar with the ESRC framework and I am confident that this research is in full accord with it. It is also in accord with the ethical procedures of the University of Dar es Salaam.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Participants will be assigned a pseudonym from the outset and referred to this in all notes and in print thereafter. Great care will be taken over all information kept, audio or written, by keeping them in locked drawers and password protected computers.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

28/12/2011

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

The study will be conducted in Tanzania in Kilimanjaro Region (Mwanga district).

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT (THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

All participants will be provided with researcher's contacts (mobile number, physical address and email address) where in case of reflection, they no longer wish to be included in the research. The research will also provide a non academic report providing research findings to the participants at the end of the final thesis.

PARTICIPANT PLAIN LANGUAGE FORM

Title of the Project: Impacts of climate change, variability and agriculture adaptation: a case study of Mwanga district in Kilimanjaro region in northern Tanzania

Name of Researcher: ███████████████████████████

You are invited to take part in a research study. Before you decide it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask me if there is anything that is not clear or if you would like more information. Take time to decide whether or not you will wish to take part.

Thank you for reading this!

1. **What is the purpose of the study?**

This study is being carried out as part of a PhD degree in Geography at the University of Glasgow. The study seeks to investigate the impacts of climate change on agricultural based livelihoods and on agricultural traditional adaptation techniques used by small-scale farmers in coping with the impacts of climate change. Specifically the study seeks to investigate the understanding and knowledge of the small-scale farmers on the impacts of climate change, their local traditional adaptation strategies and the limitations that they encounter in the process of adapting to these impacts in meeting their needs which are tied on the natural environment. The study aims to contribute to the theoretical understanding of the community's role and participation in the management of the impacts of climate change at the grassroots context and wider society, widening debates about policy and practices on climate change management in the perspective of community-government partnership and bringing together community members who would not normally have the opportunity to meet and discuss 'the big picture' of their role in community development and management of the

impacts of climate in agricultural based livelihoods through agricultural indigenous knowledge.

2. Why have I been chosen?

You have being selected to participate in the study through a random sampling procedure and the study expects to interview 236 participants including you.

3. Do I have to take part?

It is up to you to decide whether or not to take part. If you decide to take part you are still free to withdraw at any time and without giving a reason. By withdrawing from the research you will not jeopardise our relationship.

4. What will happen to me if I take part?

The interview and group discussion sessions are expected to last for between one hour and one and one and half hours. I will record the discussion and take pictures if participants give their permission.

5. Will my taking part in this study be kept confidential?

All information, which is collected about you during the course of the research will be kept strictly confidential. You will be identified by an ID number and any information about you will have your name and address removed so that you cannot be recognised from it.

6. What will happen to the results of the research study?

Results for the study will be available at the University of Glasgow library in the form of a PhD thesis, published in different journal articles and presented as papers in different conferences. Similarly, the same findings from the report will be made available to the participants and to the ministry of agriculture in the form of a non-academic written work. All reports will not include or identify the names of the participants who provided the information.

7. Who is organising and funding the research study?

This study is sponsored by Dar es Salaam University College of Education under the scholarship of the Science and Technology Higher Education Project (STHEP).

8. Who has reviewed the study?

The study has been reviewed and approved by the College of Science and Engineering Ethics Committee of the University of Glasgow.

9. Contact for further Information

In case you need further information and clarifications regarding this study use the contacts provided below.

Researcher name: ███████████
Email: ██████████████████
Supervisors: Prof. John Briggs
Email: John.Briggs@glasgow.ac.uk
Prof. Joanne Sharp
Email: Jo.Sharp@glasgow.ac.uk

PARTICIPANT CONSENT FORM

Title of the Project: Impacts of climate change, variability and agriculture adaptation: a case study of Mwanga district in Kilimanjaro region in northern Tanzania

Name of Researcher: ████████████████████████
Supervisors: Prof. John Briggs John. Briggs@glasgow.ac.uk and
Prof. Joanne Sharp Jo.Sharp@glasgow.ac.uk

1. I confirm that I have read and understood the information sheet about this study and have had the opportunity to ask questions about it.

2. I understand that my participation in the interview is entirely voluntary, and that I can withdraw from the study at any time, without having to give a reason.

3. I agree/do not agree to the interview being audio recorded and to the use of anonymised quotes in publications.

4. I agree to take part in this study.

_____   _____   _____
Name of Participant   Date   Signature

_____   _____   _____
Researcher   Date   Signature

REPORT ON ETHICS PROPOSAL
REF# CSE00953 (Version 1)
TITLE: Online Synchronous Teaching in Psychology
SUBMITTED BY: ████████████████████
FROM THE: Psychology
REVIEWERS: Aleksandra Vuckovic, Joemon Jose, Monika Harvey

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

In recent years the increased need for flexibility in the delivery of courses and the rise of the Virtual Learning Environment (VLE) has led to tutor/student interaction through forums, instant messaging tools or other communication functions allowing for a more flexible delivery of support in large class sizes as well as encouraging student generated content. The aim of this research is to implement and evaluate the use of synchronous discussion by focussing on the â•œopen sourceâ•š web conferencing software the Big Blue Button (BBB). This is a free and basic version of commercial products such as Adobe Connect, and is available through the University VLE Moodle. After a period of â•œstress testingâ•š the software will be evaluated as an educational tool within three small group teaching contexts in psychology: a teacher led tutorial session, collaborative group project work, and a student led approach (Peer Assisted Learning) using a variation of the Technology Acceptance Model (Venkatesh and Davis, 2000), which includes measures of â•œPerceived Ease of Useâ•š ; â•œPerceived Usefulnessâ•š ; â•œAttitude to the Technologyâ•š and â•œ Technical Supportâ•š which are all factors that have been found to interact to predict usage of e-learning systems (Sanchez and Hueros 2010). The research will also employ a focus group discussion to examine the main themes that emerged from the studentâ•Žs experience of using the BBB.   We will also address any technical issues that are encountered while using BBB software by developing user guidelines to ensure students/ teachers can use the software independently.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

Funding has been sought and granted from The University of Glasgow Learning and Teaching Development Fund.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

The researcher is seeking approximately 60 participants who will all have encountered BBB software in one of the three teaching context detailed above. All of the participants will complete a questionnaire based on a variation of the Technology Acceptance Model (Venkatesh and Davis, 2000). Each factor will be measured via an online survey monkey questionnaire to help pin-point the benefits and limitations of usage in each context. In addition to the questionnaire a focus group discussion will be employed to examine the main themes that emerge from the studentâ•Žs experience of BBB in the context of the student led approach (Peer Assisted Learning). To evaluate the educational benefits, there will be a short formative assessment on the content of each session in the form of a moodle based quiz. Necessary equipment, (headset, microphones, webcams) will be provided by the school of psychology if participants have no access to their own equipment.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

Participants will be recruited from a teacher led tutorial session and a collaborative group project. In order to ensure that participants are fully aware of the voluntary nature of their involvement in the study it will be highlighted before consent is obtained that participation is voluntary and that in no way will participation be accounted for in the any summative assessment or final grades.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

None

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

All the participants will be recruited from the undergraduate psychology population at Glasgow University and therefore will not involve the use of children or those with mental disabilities or handicaps.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

No payment will be made to any participants.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

The procedures for advertising and recruiting participants will take the form of class emails and class announcements. Following recruitment the investigator will inform all participants of the objectives of the investigation and any other aspects of the research about which the participants enquire prior to obtaining informed consent. It will be explained fully to the participants that there is no pressure to take part in the study, or remain in the study after consent is obtained.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

 Yes

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

No personal information will be requested in the questionnaire except gender and age. All questionnaires will be completed via survey monkey ensuring that no completed questionnaire can be identified to a particular participant. Regarding the findings of the focus group all transcribed data will be anonymous and therefore not identifiable to any particular participant.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

16th January 2012

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

As the project focuses on the virtual learning environment (VLE) this will enable the participants to engage in the project either on campus or in various locations throughout the country.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT (THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

 All participants will be provided with a short typed overview of relevant recent research which has driven the study. This overview will also contain email addresses for all those involved in the research to allow participants to make further enquiriesâ•Ž as to the outcome of the study if they wish to do so.

Information & Instruction Sheet for Participants:

Many thanks for your participation in this research. This project is being carried out by staff from the School of Psychology at Glasgow University who wish to conduct some research into the use of online synchronous teaching in psychology by evaluating Big Blue Button software which is a free web conferencing software similar to Skype and Adobe Connect.

You will be presented with an online questionnaire which should take no longer than 10 minutes to complete, however please feel free to complete this at your own pace. The questionnaire will evaluate your experiences and views of Big Blue Button software.

The instructions on how to complete the questionnaire will be provided online before questions are presented with additional direction being provided throughout the questionnaire when required.

Please answer the questions as honestly and accurately as possible as there are no right or wrong answers, and it is your personal experiences that are of interest.

When you have finished the questionnaire please follow the online instructions for submission.

Please feel free to contact any of the persons named below if you require any further information regarding this research, or if you wish to receive a copy of the anonymous group results, the appropriate email addresses are listed below
Maxine Swingler – maxine.swingler@glasgow.ac.uk

Thank you for your assistance with this research.

Consent form for persons participating in research

Project Title: Online Synchronous Teaching in Psychology

Name of Investigator/s: Maxine Swingler, ███████████████████

1. I consent to participate in the above study, and details of tests or procedures have been explained to me in full.

2. I understand that my participation in this study is voluntary, and at any time I can withdraw my participation for any reason and at any time.

3. I understand that at any time where a questionnaire has to be completed for the purpose of the study, I have the option of omitting any questions that I do not wish to answer.

4. I understand that this project is for the purpose of research and/or teaching.

5. I understand that my participation in this study will in no way be accounted for in any summative assessments or final grades and will have no impact on any other aspect of my course.

6. I understand that the confidentiality of the information I provide will be safeguarded, and if at any time it is published, no data will be identifiable as mine.

7. I understand that I will be debriefed at the end of my participation, and if I wish I can contact those conducting the study for a more detailed debrief of their findings.

Print Name

Signature

Date

REPORT ON ETHICS PROPOSAL
REF# CSE00933 (Version 1)
TITLE: LabRadar: an awareness system for the University of Glasgow Library
SUBMITTED BY: █████████████████████
FROM THE: Computing Science
REVIEWERS: Hester Parr, Monika Harvey, Simon D. Rogers

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

Here is an extract from my project proposal (which I have attached).

During the course of the semester there are periods when the â•œstudent academic activityâ•š is increasing dramatically, and effectively so do the hours they spend at the laboratory/library. (...) Many times students face the despair that all the workstations are simply occupied by others by the time they reach the library.

â•œLabRadarâ•š (...) system designed to aid students and academic staff in gaining some level of shared knowledge about each others activities. (...) a tool, either an on-line web portal, and/or a mobile app, that would provide information about how busy the university library/laboratories are, workstation wise. With anonymised, mainly user supplied, information about congestion on each floor etc.

Hopefully with the â•œLabRadarâ•š the user prior to making the potentially wasted journey can more or less accurately find out how many computers workstations are available and where, similar to a car driver looking at a blinking â•œ5 spaces on level 5/no spaces leftâ•š sign at the front of a car park entrance. (...)

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

████████████████████████████████████ working on my project under the supervision of Matthew Chalmers and Scott Sherwood. The MSci course is founded by SAAS.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

I would like to start my project by performing a validation study at the University of Glasgow Library and the School of Computing Science laboratories (Boyd Orr Building).

The study consists of three activities:

1. On-site ethnography study. For approximately a week (5-7 days), I would like to visit the University of Glasgow Library and the School of Computing Science laboratories, approximately few times a day (3-4 times), and take a note of how many, and which workstations are occupied. No other information would be noted, and I plan for absolutely no disruption to normal library/laboratory operation. The aim of this activity is to find out how busy the library and laboratories are during a normal day of operation.

2. An on-line survey. Distributed among undergraduate/postgraduate students at the University of Glasgow. This activity is aimed at collecting quantitative and qualitative data about student's library/laboratory habits i.e. How often do they visit the library/laboratories? Do they find it difficult to find a spot to sit, and at what circumstances? Do they have a favourite spot to sit? Do they go alone, or with friends? and Whether they would like to engage with people at the library with similar study interests? etc. (questions attached).

3. In-depth interviews. Through the on-line survey I would also like to invite/nominate approximately 5-10 students, who would show interest in talking about their library experience in more detail. The aim of this activity is to help evaluate the data collected in activities 1 and 2, and also to expand upon them with more qualitative data. This information will help me shape my application, and tailor it to user needs.

Once the validation study has commenced, and assuming that the results justify my hypothesis, I would like to develop the application described in point 1. Following standard software engineering procedures, once the application is ready/in the final stages of development, I would like to perform a user evaluation. This would be twofold:

1. User interface and usability evaluation. A participant would be given a number of tasks to perform within the realms of the system, and then fill in a questionnaire regarding the usability of the UI and the application, plus his/her general critique.

2. On-going evaluation. After a period of time (to be specified later) while the application would be considered â•œliveâ•š, I would like to periodically engage a few (2-3) active users to describe their experiences with the application, and their general attitude to the idea. This would be most likely incorporated into the application I plan to develop and be used for continues refinement of the aforementioned application.

Ł COMMENT FROM HESTER PARR: You need the permission of College Head to distribute an on-line survey to ALL students - new university policy - this is not addressed.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

1. For the on-site ethnography study I plan for absolutely no disruption to normal library/laboratory operation as I plan for. no direct engagement with those observed/participants.

2. For the on-line survey, I expect to take between 5-10 minutes of each participant's time to fill the survey on-line, however the participants can take the survey at their leisure.

3. For the in-depth interviews, it should not take more then 30 minutes, and will be arranged around the participant's schedules.

4. For the user interface and usability evaluation, I would like the participants to engage in a number of application specific activities. This activity should not take longer then 30 minutes per participant, and will not require more then basic computer skills. However, depending on the stage of development, participants might be asked to work on paper mock-ups of the application rather then the live system.

5. For the on-going evaluation, I would like to collect responds from active users, mainly about their experiences with the application.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL
(SEE BPS ALL SECTIONS)

1. The on-site ethnography study as described in BPS ´§ 9.1 would only involve observation that those observed would expect anyway from strangers
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2. For the on-line survey, the questions will not include topics that can be considered embarrassing, unethical, controversial and/or offensive. Members
 of the student population from which the participants in
 the research are to be drawn will be consulted before the release of the survey as described in BPS ´§ 2.1.

3. For the in-depth interviews, in the light of BPS ´§ 3.6 I will exclude from this activity students from JP2 Lab Group L since as a demonstrator I assume a position of authority or influence over them. I will also not pressurize the participants (who might be my colleagues, close friends or family members)
to take part in,or remain in,an investigation.

4. For the user interface and usability evaluation, similar as with the in-depth interviews, since some of the potential usability experts from among the School of Computing Science might be my colleagues, or close friends I will not pressurize the participants
to take part in,or remain in,an investigation.
 I imagine that the fact that we work within the same organization can impair their willingness for truly fearless feedback, however I will encourage it to the extend of my ability.

5. For the on-going evaluation, the users might feel pressured to participate in the evaluation in fear of losing their accounts and the associated statistics, however I will pledge to them that I will not penalize the users for not participating in, however there will be rewards for doing so. The distribution of the requests for evaluation would be at random, and every active user would eventually have the chance to give his/hers feedback and as a result receive the award. As stated in BPS ´§ 6.1 at the onset of the investigation investigators
 should make plain to participants their right to
 withdraw from the research at any time, irrespective
 of whether or not payment or other inducement
 has been offered, therefore the users are free to not participate.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

1. For the on-site ethnography study, it would be individuals with access to the library and/or laboratories.

2. For the on-line survey, it would be students both undergraduate and postgraduate from the University of Glasgow.

3. For the in-depth interviews, it would be students, as described above, who participated in the on-line survey and indicated interest for a follow up.

4. For the user interface and usability evaluation, it would students, as described above, and 3rd party evaluation experts.

5. For the on-going evaluation, it would be users of the system presumably individuals with access to the library and/or laboratories.

Ł COMMENT FROM HESTER PARR: see note 3 above

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

1. For the on-site ethnography study I am planning no payment and/or incentives.

2. For the on-line survey, I am planing to include Amazon Voucher prizes to be drawn among participants.

3. For the in-depth interviews, I am planning for snacks and refreshments.

4. For the user interface and usability evaluation, I am planning for snacks and refreshments.

5. For the on-going evaluation, I am planning for prizes generated within the application environment.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

1. For the on-site ethnography study, I am waiting for approval from the Library/Boyd Orr laboratories authorities to proceed with my observational ethnographic study.

2. For the on-line survey, I am hoping that the survey could be distributed as an e-mail invitation among the students both undergraduate and postgraduate from the University of Glasgow. And/or through the Facebook pages related to the University and University Library. I plan to incorporate the information and consent forms at the first page of the survey, with a â•œtick boxâ•š acting as signature confirming that the participant has read and understood the terms and conditions, and text boxes for name and email address.

3. For the in-depth interviews, I plan to invite previous participants of the on-line survey, who would indicate interest in the study, and volunteer their time. I will present the participants with both the information and consent forms at the start of the interview.

4. For the user interface and usability evaluation, I plan to invite previous participants of the on-line survey, and/or the in-depth interviews who would indicate interest in the study, and volunteer their time. Also I plan to invite usability experts from among the School of Computing Science (which may include current MSci, MSi students and Doctorate candidates). I will present the participants with both the information and consent forms at the start of the interview.

5. For the on-going evaluation, I plan for this to be incorporated into the application I want to develop, say via pop-up windows or email invitations.

Ł COMMENT FROM HESTER PARR: Information sheet 'We cannot tell how does the University of Glasgow library and laboratories experience feel unless we ask those who are most likely to be using it' (change in sentence structure needed on information sheet. Check on grammar. Information sheet should contain details of third parties (like the supervisor). If this is agreed - this should not be resubmitted for approval as it is an admin matter.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

I believe that I have taken into account/implied all the suggestions and requirements of BPS code of conduct, while designing my research. Therefore I can state that the proposal is in accord with it.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

1. For the on-site ethnography study I will restrain myself from collecting any data other than specified in the description provided in point 2. This includes information on who is using the workstation, and what are they doing.

2. For the on-line survey, I plan to allow for complete anonymity of the participants, however I will provide an option for the participant to leave contact details, either for the intent to receive follow up information about the research, to further engage in the research, or for a potential prize draw announcements. In the light of BPS ´§ 7.1 I believe the information collected would consist mostly of preferences (which yo my knowledge are not protected under the data protection act), however the information the participants provide will be treated confidentially and, if published,will not be
 identifiable as theirs

.

3. The in-depth interviews, may contains more qualitative and therefore detailed information about the users, however still in the light of BPS ´§ 7.1 the information the participants provide will be treated confidentially and, if published,will not be
 identifiable as theirs
, unless approved by the individual.

4. For the user interface and usability evaluation, I plan to allow for complete anonymity of the participants with no exceptions.

5. For the on-going evaluation, information about participating in the evaluation will be available to the system administrator, in order to distribute the internal incentives, however the information provided will be anonymised and available only to the developers.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

The preparation for the research started from the beginning of the academic year. I am looking to start the validation study, the moment I get the ethics approval and approval from the Library/Boyd Orr laboratories authorities.

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

1. For the on-site ethnography study I would like to restrict my study to Level 2 and Level 6 at the library, and Level 6 and Level 7 laboratories at the Boyd Orr Building. I have devised my own â•œmapsâ•š of the sites, with the workstation layout based on the widely available schematics (example attached).

2. For the on-line survey, I would like to facilitate a free account at a popular survey website i.e. www.surveymonkey.com for the purpose of storing the on-line survey.

3. For the in-depth interviews, I am planning for the activity to take place at the participants leisure, and chosen location.

4. For the user interface and usability evaluation, I would like the participants to work in a controlled environment, probably someplace at the computing science laboratories, and/or the library.

5. For the on-going evaluation, once the application becomes â•œliveâ•š the users will be able to use it through their personal computers, library/laboratories workstations and/or anywhere with internet access via their personal smart phones.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR
- FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

1. For the on-site ethnography study, since section ´§ 5.1 of the BPS states that only in studies where the participants are aware
 that they have taken part in an investigation,when
 the data have been collected, the investigator
 should provide the participants with any necessary
 information to complete their understanding of
 the nature of the research, I believe this activity is excluded from the debriefing procedure based on the description in point 2.

2. For the on-line survey, I will also hand in my details in a business card format in case the participant would like to contact me directly after the study.

3. For the user interface and usability evaluation, I will also hand in my details in a business card format in case the participant would like to contact me directly after the study.

4. For the on-going evaluation, I will include a link to the necessary information in the help box and a link to the contact form in the application. Also I plan for the application to have a openly available ratings/comments page. And potentially a developer's blog that users can access to get latest information about the project.

* For all direct participants (i.e. excluding activity on-site ethnography study) I would be possible to contact me via e-mail to receive a summary of my findings.

REPORT ON ETHICS PROPOSAL
REF# CSE00933 (Version 2)
TITLE: LabRadar: an awareness system for the University of Glasgow
Library
SUBMITTED BY: ███████████████████
FROM THE: Computing Science
REVIEWERS: Hester Parr, Monika Harvey, Simon D. Rogers

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

Here is an extract from my project proposal (which I have attached).

During the course of the semester there are periods when the â•œstudent academic activityâ•š is increasing
dramatically, and effectively so do the hours they spend at the laboratory/library. (...) Many times students
face the despair that all the workstations are simply occupied by others by the time they reach the library.

â•œLabRadarâ•š (...) system designed to aid students and academic staff in gaining some level of shared
knowledge about each others activities. (...) a tool, either an on-line web portal, and/or a mobile app, that
would provide information about how busy the university library/laboratories are, workstation wise. With
anonymised, mainly user supplied, information about congestion on each floor etc.

Hopefully with the â•œLabRadarâ•š the user prior to making the potentially wasted journey can more or less
accurately find out how many computers workstations are available and where, similar to a car driver
looking at a blinking â•œ5 spaces on level 5/no spaces leftâ•š sign at the front of a car park entrance. (...)

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT
PARTICIPANTS ARE INFORMED).

████████████████████████████████████ working on my project under the supervision of
Matthew Chalmers and Scott Sherwood. The MSci course is founded by SAAS.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF
PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

I would like to start my project by performing a validation study at the University of Glasgow Library and
the School of Computing Science laboratories (Boyd Orr Building).

The study consists of three activities:

1. On-site ethnography study. For approximately a week (5-7 days), I would like to visit the University of
Glasgow Library and the School of Computing Science laboratories, approximately few times a day (3-4
times), and take a note of how many, and which workstations are occupied. No other information would
be noted, and I plan for absolutely no disruption to normal library/laboratory operation. The aim of this
activity is to find out how busy the library and laboratories are during a normal day of operation.

2. An on-line survey. Distributed among undergraduate/postgraduate students at the University of Glasgow. This activity is aimed at collecting quantitative and qualitative data about student's library/laboratory habits i.e. How often do they visit the library/laboratories? Do they find it difficult to find a spot to sit, and at what circumstances? Do they have a favourite spot to sit? Do they go alone, or with friends? and Whether they would like to engage with people at the library with similar study interests? etc. (questions attached).

NOTE: I have contacted heads of colleges: Arts - Professor Murray Pittock, Medical, Veterinary and Life Sciences - Professor Anna Dominiczak, Science and Engineering - Professor John Chapman, and Social Sciences - Professor Anne Anderson, in order to secure their approval to distribute an on-line survey to all students. This is pending.

3. In-depth interviews. Through the on-line survey I would also like to invite/nominate approximately 5-10 students, who would show interest in talking about their library experience in more detail. The aim of this activity is to help evaluate the data collected in activities 1 and 2, and also to expand upon them with more qualitative data. This information will help me shape my application, and tailor it to user needs.

Once the validation study has commenced, and assuming that the results justify my hypothesis, I would like to develop the application described in point 1. Following standard software engineering procedures, once the application is ready/in the final stages of development, I would like to perform a user evaluation. This would be twofold:

1. User interface and usability evaluation. A participant would be given a number of tasks to perform within the realms of the system, and then fill in a questionnaire regarding the usability of the UI and the application, plus his/her general critique.

2. On-going evaluation. After a period of time (to be specified later) while the application would be considered â•œliveâ•š, I would like to periodically engage a few (2-3) active users to describe their experiences with the application, and their general attitude to the idea. This would be most likely incorporated into the application I plan to develop and be used for continues refinement of the aforementioned application.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

1. For the on-site ethnography study I plan for absolutely no disruption to normal library/laboratory operation as I plan for. no direct engagement with those observed/participants.

2. For the on-line survey, I expect to take between 5-10 minutes of each participant's time to fill the survey on-line, however the participants can take the survey at their leisure.

3. For the in-depth interviews, it should not take more then 30 minutes, and will be arranged around the participant's schedules.

4. For the user interface and usability evaluation, I would like the participants to engage in a number of application specific activities. This activity should not take longer then 30 minutes per participant, and will not require more then basic computer skills. However, depending on the stage of development, participants might be asked to work on paper mock-ups of the application rather then the live system.

5. For the on-going evaluation, I would like to collect responds from active users, mainly about their experiences with the application.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

1. The on-site ethnography study as described in BPS ´§ 9.1 would only involve observation that those observed would expect anyway from strangers

.

2. For the on-line survey, the questions will not include topics that can be considered embarrassing, unethical, controversial and/or offensive. Members of the student population from which the participants in
 the research are to be drawn will be consulted before the release of the survey as described in BPS ´§ 2.1.

3. For the in-depth interviews, in the light of BPS ´§ 3.6 I will exclude from this activity students from JP2 Lab Group L since as a demonstrator I assume a position of authority or influence over them. I will also not pressurize the participants (who might be my colleagues, close friends or family members)
to take part in,or remain in,an investigation.

4. For the user interface and usability evaluation, similar as with the in-depth interviews, since some of the potential usability experts from among the School of Computing Science might be my colleagues, or close friends I will not pressurize the participants to take part in,or remain in,an investigation. I imagine that the fact that we work within the same organization can impair their willingness for truly fearless feedback, however I will encourage it to the extend of my ability.

5. For the on-going evaluation, the users might feel pressured to participate in the evaluation in fear of losing their accounts and the associated statistics, however I will pledge to them that I will not penalize the users for not participating in, however there will be rewards for doing so. The distribution of the requests for evaluation would be at random, and every active user would eventually have the chance to give his/hers feedback and as a result receive the award. As stated in BPS ´§ 6.1 at the onset of the investigation investigators should make plain to participants their right to withdraw from the research at any time, irrespective of whether or not payment or other inducement has been offered, therefore the users are free to not participate.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

1. For the on-site ethnography study, it would be individuals with access to the library and/or laboratories.

2. For the on-line survey, it would be students both undergraduate and postgraduate from the University of Glasgow.

3. For the in-depth interviews, it would be students, as described above, who participated in the on-line survey and indicated interest for a follow up.

NOTE: In accordance with note 3 above: In the light of BPS ´§ 3.6 I will exclude from this activity students from JP2 Lab Group L since as a demonstrator I assume a position of authority or influence over them. I will also not pressurize the participants (who might be my colleagues, close friends or family members) to take part in,or remain in,an investigation.

4. For the user interface and usability evaluation, it would students, as described above, and 3rd party evaluation experts.

5. For the on-going evaluation, it would be users of the system presumably individuals with access to the library and/or laboratories.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

1. For the on-site ethnography study I am planning no payment and/or incentives.

2. For the on-line survey, I am planing to include Amazon Voucher prizes to be drawn among participants.

3. For the in-depth interviews, I am planning for snacks and refreshments.

4. For the user interface and usability evaluation, I am planning for snacks and refreshments.

5. For the on-going evaluation, I am planning for prizes generated within the application environment.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

1. For the on-site ethnography study, I am waiting for approval from the Library/Boyd Orr laboratories authorities to proceed with my observational ethnographic study.

2. For the on-line survey, I am hoping that the survey could be distributed as an e-mail invitation among the students both undergraduate and postgraduate from the University of Glasgow. And/or through the Facebook pages related to the University and University Library. I plan to incorporate the information and consent forms at the first page of the survey, with a â•œtick boxâ•š acting as signature confirming that the participant has read and understood the terms and conditions, and text boxes for name and email address.

3. For the in-depth interviews, I plan to invite previous participants of the on-line survey, who would indicate interest in the study, and volunteer their time. I will present the participants with both the information and consent forms at the start of the interview.

4. For the user interface and usability evaluation, I plan to invite previous participants of the on-line survey, and/or the in-depth interviews who would indicate interest in the study, and volunteer their time. Also I plan to invite usability experts from among the School of Computing Science (which may include current MSci, MSi students and Doctorate candidates). I will present the participants with both the information and consent forms at the start of the interview.

5. For the on-going evaluation, I plan for this to be incorporated into the application I want to develop, say via pop-up windows or email invitations.

NOTE: Changes to the information sheet pending, as supervisor reviews it. This will be dealt with as admin matter.

Ł COMMENT FROM HESTER PARR: The information sheet must contain the supervisors details. It should have been reviewed before the ethics committee sees it.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

I believe that I have taken into account/implied all the suggestions and requirements of BPS code of conduct, while designing my research. Therefore I can state that the proposal is in accord with it.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

1. For the on-site ethnography study I will restrain myself from collecting any data other than specified in the description provided in point 2. This includes information on who is using the workstation, and what are they doing.

2. For the on-line survey, I plan to allow for complete anonymity of the participants, however I will provide an option for the participant to leave contact details, either for the intent to receive follow up information about the research, to further engage in the research, or for a potential prize draw announcements. In the light of BPS ´§ 7.1 I believe the information collected would consist mostly of preferences (which yo my knowledge are not protected under the data protection act), however the information the participants provide will be treated confidentially and, if published,will not be
 identifiable as theirs

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3. The in-depth interviews, may contains more qualitative and therefore detailed information about the users, however still in the light of BPS ´§ 7.1 the information the participants provide will be treated confidentially and, if published,will not be
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, unless approved by the individual.

4. For the user interface and usability evaluation, I plan to allow for complete anonymity of the participants with no exceptions.

5. For the on-going evaluation, information about participating in the evaluation will be available to the system administrator, in order to distribute the internal incentives, however the information provided will be anonymised and available only to the developers.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

The preparation for the research started from the beginning of the academic year. I am looking to start the validation study, the moment I get the ethics approval and approval from the Library/Boyd Orr laboratories authorities.

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

1. For the on-site ethnography study I would like to restrict my study to Level 2 and Level 6 at the library, and Level 6 and Level 7 laboratories at the Boyd Orr Building. I have devised my own â•œmapsâ•š of the sites, with the workstation layout based on the widely available schematics (example attached).

2. For the on-line survey, I would like to facilitate a free account at a popular survey website i.e. www.surveymonkey.com for the purpose of storing the on-line survey.

3. For the in-depth interviews, I am planning for the activity to take place at the participants leisure, and chosen location.

4. For the user interface and usability evaluation, I would like the participants to work in a controlled environment, probably someplace at the computing science laboratories, and/or the library.

5. For the on-going evaluation, once the application becomes â•œliveâ•š the users will be able to use it through their personal computers, library/laboratories workstations and/or anywhere with internet access via their personal smart phones.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR
- FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

1. For the on-site ethnography study, since section ´§ 5.1 of the BPS states that only in studies where the participants are aware
 that they have taken part in an investigation,when
 the data have been collected, the investigator
 should provide the participants with any necessary
 information to complete their understanding of
 the nature of the research, I believe this activity is excluded from the debriefing procedure based on the description in point 2.

2. For the on-line survey, I will also hand in my details in a business card format in case the participant would like to contact me directly after the study.

3. For the user interface and usability evaluation, I will also hand in my details in a business card format in case the participant would like to contact me directly after the study.

4. For the on-going evaluation, I will include a link to the necessary information in the help box and a link to the contact form in the application. Also I plan for the application to have a openly available ratings/comments page. And potentially a developer's blog that users can access to get latest information about the project.

* For all direct participants (i.e. excluding activity on-site ethnography study) I would be possible to contact me via e-mail to receive a summary of my findings.

Information Sheet: Library/Laboratories study

The aim of this experiment is: [tick the right box]

[ ]   An on-line survey. We cannot tell how does the University of Glasgow library and laboratories experience feel unless we ask those who are most likely to be using it i.e. undergraduate and postgraduate students and staff, which is why we need to run experiments like these. This survey is aimed at collecting quantitative and qualitative data about student's library/laboratory habits i.e. How often do they visit the library/laboratories? Do they find it difficult to find a spot to sit, and at what circumstances? Do they have a favorite spot to sit? Do they go alone, or with friends? and Whether they would like to engage with people at the library with similar study interests? Etc. Since you will be performing this survey in your leisure, you have unbounded time to complete the survey. Please remember that it is your library/laboratory experience, not you, that is being evaluated, there are no right/wrong answers, the information the you provide will be treated confidentially and, if published,will not be identifiable as your.*[†]

[ ]   In-depth interviews. Since participants are invited/nominated from the previous activities you have most likely taken part in the on-line survey, if you have not indicated that you would like to participate in a follow up study please inform me immediately, otherwise please refer to the above description to remind yourself about the objectives. Now I would also like to invite you to talk about your library experience in more detail, this should not take more then 30 minutes (including the briefings). The aim of this activity is to help evaluate the data collected previous activities, so I might ask you to comment on things as well as give your own opinion. This information will help me shape my application, and tailor it to user needs.*[†]

[ ]   User interface and usability evaluation. I will give you some time to browse the application, before asking to perform a number of tasks within the realms of the system, and then fill in a short questionnaire regarding the usability of the UI and the application, plus your general critique. I will be observing you while you perform the tasks, however just so that you can ask me questions if you need to. Please let me know when you are finished. This should not take more then 30 minutes (including the briefings).*[†]

*You are welcome to withdraw from the experiment at any time.
[†]Do you agree to taking part in this evaluation? Please sign the attached consent form.

Do you have any questions before we start?

If you have any further questions regarding this experiment, please contact:

Consent Sheet: Library/Laboratories study

The aim of this experiment is: [tick the right box]

[ ]   An on-line survey. We cannot tell how does the University of Glasgow library and laboratories experience feel unless we ask those who are most likely to be using it i.e. undergraduate and postgraduate students and staff, which is why we need to run experiments like these. This survey is aimed at collecting quantitative and qualitative data about student's library/laboratory habits i.e. How often do they visit the library/laboratories? Do they find it difficult to find a spot to sit, and at what circumstances? Do they have a favorite spot to sit? Do they go alone, or with friends? and Whether they would like to engage with people at the library with similar study interests? Etc. Since you will be performing this survey in your leisure, you have unbounded time to complete the survey. Please remember that it is your library/laboratory experience, not you, that is being evaluated, there are no right/wrong answers, the information the you provide will be treated confidentially and, if published,will not be identifiable as your.*

[ ]   In-depth interviews. Since participants are invited/nominated from the previous activities you have most likely taken part in the on-line survey, if you have not indicated that you would like to participate in a follow up study please inform me immediately, otherwise please refer to the above description to remind yourself about the objectives. Now I would also like to invite you to talk about your library experience in more detail, this should not take more then 30 minutes (including the briefings). The aim of this activity is to help evaluate the data collected previous activities, so I might ask you to comment on things as well as give your own opinion. This information will help me shape my application, and tailor it to user needs.*

[ ]   User interface and usability evaluation. I will give you some time to browse the application, before asking to perform a number of tasks within the realms of the system, and then fill in a short questionnaire regarding the usability of the UI and the application, plus your general critique. I will be observing you while you perform the tasks, however just so that you can ask me questions if you need to. Please let me know when you are finished. This should not take more then 30 minutes (including the briefings).*

*You are welcome to withdraw from the experiment at any time.

I have read this information sheet, and agree to voluntarily take part in this experiment:

Name: _____ **Email:** _____

Signature:_____ **Date:** _____

If you have any further questions regarding this experiment, please contact:

███

This study adheres to the BPS ethical guidelines, and has been approved by the FIMS ethics committee of The University of Glasgow (ref: FIMS0050). Whilst you are free to discuss your participation in this study with the researcher (contactable on 330 4484), if you would like to speak to someone not involved in the study, you may contact the chair of the FIMS Ethics Committee (http://ethics.ims.gla.ac.uk/).

REPORT ON ETHICS PROPOSAL

REF# CSE00951 (Version 1)

TITLE: Influence of incidental affect on economic decisions

SUBMITTED BY: ███████

FROM THE: Psychology

REVIEWERS: Alessandro Vinciarelli, Joemon Jose, Paddy O'Donnell

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

The proposed research will explore influence of mood on strategic socio-economic decisions.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

Joint fund: University of Glasgow and China Scholarship Council (CSC)

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

The experiment includes (1) mood manipulation that is aimed to induce certain affective states and (2) a number of economic decision making tasks. Demographic information of participants including gender, age and professional area will also be collected. 24 participants will be recruited for the experiment.

The experiment involves mood as a between-subject factor. To induce target moods, participants will be watching short movie clips. To minimise demand effects (i.e., participants know that the experiment is to study mood effect on decision making), participants will be informed by a content form (see attachment) that they will be participating into two experiments with the first examining memory for feeling and second examining decision regarding monetary rewards. The â•Ÿfirst experimentâ•Ž is in fact the mood induction procedure. It is explained in this way for two reasons. First, it is intended to make the two parts of the experiments look irrelevant. Second, it reduces the deception at the minimum level given that participants will indeed be asked to complete a mood questionnaire assessing how they felt when watching the movie clip. Nevertheless, participants will be fully debriefed upon their completion of experiment.

Following the mood induction procedure, participants will complete several economic decision making tasks. The experiment will use an economic game called the mini-ultimatum game as the decision making task. The mini-ultimatum game is about dividing an amount of money between two players who are anonymous to each other. The two players will be randomly assigned as the Proposer and the Responder, respectively. The Proposer will be presented with two possible divisions and asked to choose one of them. The Responder will in turn decide to accept or reject the offer. In the case of acceptance, both sides will receive their shares according to the selected division; in the case of rejection, both sides will receive nothing. Each participant will be asked to make decisions to eight games and the monetary amount to divide in each game is ´£1. Participants will not meet one another so their decisions are both anonymous and confidential.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

During the mood induction, participants may be evoked in a neutral, happy or sad mood. It should be noted that the mood manipulation is not strong and will be accomplished using mass media materials (e.g. movie clips). Thus, the strength of mood manipulation is comparable to that experienced when watching television or reading a magazine.

In the decision making task, because of the structure of the economic game, participants should keep in mind the risk taken in the trade-off and that their earnings depend on their own and others behaviour.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

One ethical concern is that participants will be put into a negotiation situation that they would not have otherwise experienced. This is a concern because some people find negotiation stressful. However, participation will be fully voluntary and consensual.

A second ethical concern is a deception: participants will be told that the entire session includes two experiments. This is intended to minimise experiment demand effects. That is, if we tell people that we are studying mood effect on economic decisions, their behaviour is likely to be altered by this knowledge. Explaining mood manipulation as an unrelated experiment is a common method to reduce potential demand effects in studies examining how affective states influence judgement and decision making (see the attached journal article for example). However, we will inform participants after the experiment of the relationship between and the purpose of the â•Ÿtwo experimentsâ•Ž.

A third ethical concern is caused by the mood manipulation. Some participants will be experiencing a sad mood as a result of the mood induction, which they would not have otherwise experienced. However, the induced mood is of mild intensity. Also, participants will receive relevant information before watching the movie clip and they are free to withdraw from the experiment at any point during the procedure.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

Participants will be recruited from the normal population and participants with handicaps or mental disabilities will not be excluded from participation. All participants will be above the age of 18.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

Each participant will be paid ´£2 for his/her participation (~20 minutes in total; paid based on the normal rate ´£6/1 hour). On top of this, their earnings will depend on decisions of their own and others in the mini-ultimatum game session.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

Participants will be recruited through advertisements posted in public areas around the University of Glasgow and through email lists for people who have indicated that they wish to receive notices of experiments in our laboratory. Prior to volunteering, each participant will be informed of basic experimental details, including what is involved in the experiment, the shortest and longest duration and how they will be paid.

Consent will be obtained using a written form that participants will be given before they begin the experiment. Their signature indicates their complete consent.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

All electronic data will be stored on a secure server and local hard-drives located in secure rooms in the School of Psychology. Only the experimenter and the head of lab have access to these file locations. Paper documents will be secured in a locked filing cabinet within a secure room in the School of Psychology.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

January 2012

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

School of Psychology, University of Glasgow

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR
- FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

Each participant will be debriefed both verbally and by a debriefing form (attached as the â•Ÿinformation formâ•Ž) that explains the experiment and includes contact details for the experimenter and the head of lab.

UNIVERSITY OF GLASGOW
Dr. Rob Jenkins and ▮▮▮▮▮
School of Psychology
Phone: 0141-330-4663
Email: Rob.Jenkins@glasgow.ac.uk or ▮▮▮▮▮▮▮▮

DEBRIEFING FORM: Emotional Influence on Economic Decision Making

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Project Overview

Thank you for participating in our experiment! In this experiment, we were examining emotional influences on strategic economic decisions. While it may seem intuitively obvious that emotion plays an important role in social and economic decision making, our scientific understanding of these issues is very poor. This is, in part, due to the fact that for many decades economists and psychologists have been focused on 'rational' components of decision-making. Our aim is to systematically study the effect of emotion on these decisions so that we may better understand how rational thought and emotion interact to produce a choice. Understanding these processes is not only important for understanding individual behaviour but also understanding the dynamics of the larger economy.

Details of The Current Experiment

The particular aim of the current experiment goal was to examine how emotions impact the way we interpret and respond to others' intentions. The 'second' experiment you participated in was based on an economic game called the Mini-ultimatum Game. This is a modified form of the Ultimatum Game in which two players (a Proposer and Responder as in our game) have to decide how to divide a sum of money. In experiments that use these games, about 50% of people will reject offers of 20% or less of the total (this includes amounts that are equivalent to about one months wages!) The Mini-ultimatum Game was designed to determine if the Responder is sensitive to the intentions of the Proposer. For example, are Responders more likely to accept an offer of 20% when they know that Proposers could only offer that compared to when they know that Proposers could have offered 50%? Not surprisingly the answer is yes, Responders take Proposers intentions into account when deciding whether to accept or reject an offer. So rejections are not based on the absolute amount of the offer but on perceived fairness taking other things into consideration. We are interested in the extent to which induced emotion affects the sensitivity of the Responder to the intentions of the Proposer.

There is evidence that emotional state changes a person's focus. For example, sadness tends to induce the individual to focus on themselves. This may cause the person to become less aware of the others' intentions or even cause them to believe they deserve an unfair offer. On the other hand, an emotion like anger may cause the individual to perceive the others' intentions as hostile, regardless of what the other does. Our experiment will systematically measure how these and other emotions impact on sensitivity to other's intentions.

As you may have deduced by now, the primary function of the movie clip was to induce a mood. This mood induction allows us to focus our research on the specific

emotions we are interested in (rather than relying on the mood the person happens to be in when they arrive at the experiment). We told you it was an experiment on memory for feeling because knowing that it was an experiment on effects of emotion on economic decisions may well have affected your decisions in that part of the task.

If you have any further questions please contact Dr. Rob Jenkins (Rob.Jenkins@glasgow.ac.uk) or ████████████████████

Participant Consent Form

EXPERIMENTAL INTENTIONS – Research in our laboratory is focussed on emotion and decision making. You have been invited to participate in two experiments. The first experiment is designed to examine memory for feeling. The second experiment examines how people make decisions regarding a monetary reward for themselves and another participant. You have been asked to participate in both experiments because the second one can be completed during the memory waiting interval in the first experiment.

WHAT WILL PARTICIPATION INVOLVE? – The first experiment involves watching a movie clip and answering some questions about the feelings evoked by the clip. The questions will be presented to you 15 minutes after watching the movies clip so you will be asked to remember your feelings during this interval. During the waiting period, you will complete the second experiment. In this experiment you will be asked to make several decisions about how to divide a sum of money between you and other participants. You will also be asked complete a form that includes some basic demographic data. You may choose to withdraw from the experiment at any point during the procedure and will receive payment for the completed portion of the experiment. If you decide to participate, the experimenter will describe the procedure to you.

HOW LONG WILL PARTICIPATION TAKE? – The entire procedure will last no longer than 45 minutes.

RISKS: The risks in this experiment are no greater than going to see a popular movie or the risks taken in any trade-interaction. All participants will leave with some form of cash payment, what this payment is depends upon the action of yourself and others in the experiment.

CONFIDENTIALITY: Demographic information and data obtained in this study will remain strictly confidential. Any data that may be published in scientific journals will not reveal the identity of the subjects.

YOUR SIGNATURE INDICATES THAT YOU HAVE READ AND UNDERSTOOD THE ABOVE INFORMATION, THAT YOU HAVE DISCUSSED THE STUDY WITH THE PRINCIPAL INVESTIGATOR OR HIS STAFF, THAT YOU HAVE DECIDED TO PARTICIPATE BASED UPON THE INFORMATION PROVIDED, AND THAT A COPY OF THIS FORM HAS BEEN GIVEN TO YOU.

Name of Subject	Signature of Subject	Date

Name of Person Obtaining Consent	Signature of Person Obtaining Consent	Date

REPORT ON ETHICS PROPOSAL

REF# CSE00960 (Version 1)

TITLE: What intonation tells us â The neurocognitive architecture of meaning conveyed by prosodic or phonetic categories

SUBMITTED BY: Daniela Sammler, visiting researcher

FROM THE: Institute of Neuroscience and Psychology & CCNi

REVIEWERS: Alessandro Vinciarelli, Paddy O'Donnell, Rob Jenkins

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

This study falls into the category of "standard fMRI studies" approved by the Ethics committee.
The proposed study aims to shed light on the processing of meaning conveyed by prosodic or phonetic categories as well as inter-individual differences in the ability to use these respective cues during language comprehension. We propose to collect fMRI scans of 24 healthy adult volunteers while they listen to continua of words varying in their intonation (question vs. statements) or their initial stop consonant (/b/ vs. /p/ as in /bear/ vs. /pear/) and perform a prosodic or phonetic categorization task. A continuous carry-over design will be applied and the functional MRI data will be analyzed with respect to physical and perceptual similarity of the stimuli as well as type of task. To explain inter-individual variance in these results, they will be set into relation to individual DWI data and the participantsâ performance in auditory threshold tests assessed outside the scanner in a second session.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

No specific funding source, but it is hoped that data thus acquired will allow to form the basis of a grant application.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

Cf. "standard fMRI studies"
The experiment will require 24 (12 male, 12 female) neurologically intact, adult volunteers, who are all likely to be undergraduate or postgraduate students at the University of Glasgow. They are equipped with MR-compatible, electrostatic headphones for sound stimulation and of a response pad to provide their behavioural response (identification of question vs. statement or /b/ vs. /p/).
We will apply a three-factorial design manipulating the prosodic (question vs. statement) and phonetic (/bear/ vs. /pear/) category of words, as well as the task of the participants (prosodic vs. phonetic categorization). Participants will be presented with continua of words varying in intonation (â Bear. â Bear?â , â Pear. â Pear?â) or initial stop consonant (â Bear. â Pear.â , â Bear? â Pear?â) uttered by 2 male and 2 female speakers. A prosodic and phonetic categorization task will be applied in separate blocks, counterbalanced across participants. We will scan 24 healthy adult volunteers in this study. They will spend approximately 80 minutes (plus preparation time) in the scanner, distributed over 2 sessions. Prior to the scanning session participants will be screened for scanning suitability (please see attached screening form) and will be provided with the study information sheet (attached).

In the first session, we will record the cerebral response to prosodic (question vs. statement) and phonetic continua (/bear/ vs. /pear/) for about 40 minutes in a continuous carry-over design. Furthermore, we will acquire a 10-min high-resolution T1 weighted anatomical dataset.

In the second session, we will run a 10-min â voice localizer scanâ â aimed at individually localizing voice-selective cortical areas, as well as a 20-min DWI dataset. This short scan session will be followed by 30 minutes of behavioural tests outside the scanner consisting in auditory threshold tests for pitch and time interval perception (MLP toolbox) and a questionnaire assessing musical expertise.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

Cf. "standard fMRI studies"
There are no documented adverse effects to MRI scanning. However, due to the strong magnetic field there is a possibility that the participant feels temporarily dizzy (particularly as the participant is moved into the magnetic field). Participants will be informed that this feeling is likely to be short-lived. Occasionally, participants can feel warm inside the scanner and therefore participants will be informed that the temperature inside the scanner can be adjusted to a comfortable level if they wish. Further, participants will be advised that their participation is voluntary and that they can stop the experiment at any point without having to give a reason. Participants will be informed that their data may be used for publication but that the data will be stored anonymously and that only researchers involved in the project will have access to the data.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

Cf. "standard fMRI studies"
No ethical issue (see point 3). The only potentially problematic issue is the issue of incidental findings which is addressed in the study information sheet (see attached files).

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

No. Only healthy adult volunteers will take part in the study.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

A standard payment of ´£6 per hour will be made to subjects.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

Participants will be recruited by adverts detailing the purpose and duration of the experiment. At the start of the recording session, a general written information sheet will be given to the participants to read. This will be followed by information about possible side effects and screening with regards to scanning suitability. After that a subject consent form on which the main points (data storage in anonymous form, voluntary basis of participation and right to withdraw, encouragement to ask the experimenter in the case

of remaining unclear points about the study) are repeated. Subjects then confirm by signature that they have been informed about these points and have read the general information sheet (please see attached documents).

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

"Standard fMRI studies" are in accord with the BPS code of conduct.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Participantsâ anonymity will be assured by only referring to a subject number during analysis. Records of personal details will only be kept if subjects agree (for example to contact them for other studies).

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

fMRI scanning will start at CCNi after January 16, 2012.

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

CCNi, Department of Psychology, 58 Hillhead Street, University of Glasgow, G12 8QB.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

The participants will be given a copy of the consent form that contains the experimenterâ s email address. After completion of the experiment, participants will be given a full explanation of the aims of the experiment and will have the opportunity to ask questions. The participants will then be asked to sign part of the consent form saying that all their questions have been answered satisfactorily. They will also be told that when the experiment has been completed they will be able to obtain a summary of the group results. The experimenters email address will be provided for additional questions.

Study Information Sheet - MRI

Title of Project: What intonation tells us – The neurocognitive architecture of meaning conveyed by prosodic or phonetic categories

You are being invited to take part in a research study. Before you decide it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. If there is anything that is not clear or if you would like more information, please ask us. Take time to decide whether or not you wish to take part.
Thank you for reading this.

What is the purpose of this study?
We would like to record your brain activity using functional magnetic resonance imaging (fMRI) while you are listening to words varying in their intonation (question vs. statements) or their first consonant (/b/ vs. /p/ as in /bear/ vs. /pear/). We are interested in how our brain uses these two parameters to comprehend meaning in language. In a second session we would like to do two things : (1) scan your brain while you are passively listening to a variety of vocal and environmental sounds to identify « voice areas » in your brain, and (2) take anatomical images of your brain that show how brain areas are connected with one another. No stimuli or task will be provided during this scan.

Why have I been chosen?
You have been chosen because you have already volunteered to participate in the Centre for Cognitive Neuroimaging Research Panel, coordinated at Psychology Department, or you volunteered to participate in research studies using functional magnetic resonance imaging.

Who is organizing this study?
This study is organized by Doctor Daniela Sammler and Professor Pascal Belin

What will happen to me if I take part?
Before your scan a member of staff will ask you some questions to ensure that you have no metal within you before you enter the strong magnetic field. You will then be asked to lie in the scanner and the scanning will start. The scanning can be noisy and so we shall give you headphones with ear defenders to reduce this noise, *or* earplugs for non-auditory studies. It may not be appropriate for you to be scanned if you are very claustrophobic.
Once you are in the scanner we will ask you to carefully listen to a series of words via in-ear headphones. In one block, you will classify these words as question or statement. In another block, you will be asked to classify the words as /bear/ or /pear/. You will give your answer by pressing a button with your right index or middle finger. In the second session, your only task is to listen carefully to the vocal and environmental sounds. Whatever the nature of the task, it will always be explained to you before you sign the consent form, and will never involve any painful stimulation. We will repeat the instructions before each task. We will ask you in all cases to try to keep your head as still as possible. To help you do so, we will place foam pads under your neck and on the side of your head. The two scanning session combined will take about 100 minutes, although you will not actually be scanned for more than 70 minutes of this time.

What is the device involved?
We can learn a great deal about how the brain works by looking at the blood flow to different parts of

the brain whilst the brain performs different tasks. We measure brain function using images taken with a <u>magnetic resonance imaging scanner</u>. This scanner uses a strong magnetic field to create detailed images of brain structure and function. By taking a series of images whilst you perform a task we can build up a picture of the brain areas activated by this type of task. The scan does not involve any injections or X-rays.

What are the possible risks/side effects of taking part?

The scanner can be loud when it takes images, and you will be given earplugs and/or headphones to block out some of the sound. Also, the scanner space is quite reduced, and people who are uncomfortable in small or confined spaces may not be able to participate. If this applies to you, remember that you may withdraw from the study at any time without explaining why. Otherwise, MRI is generally thought to be a safe, non-invasive imaging technique. Although there is no evidence of danger, as a natural precaution we do not wish to include any women who may either be pregnant or have any reason to believe they may be pregnant.

What are the possible benefits of taking part?

We will reimburse you for your time and travel, and you will have the pleasure of knowing that you have made a contribution to our understanding of the relationship between brain and behaviour. However, there will be no direct benefits accruing in terms of your treatment.

What happens at the end of the study?

The results of this study may be published in a journal or used for teaching purposes. The results may also be presented at scientific meetings, or in talks at academic institutions. Results will always be presented in such a way that data from individual volunteers cannot be identified.

Confidentiality - who will have access to the data?

The data will be stored on a secure network and only members of the Centre for Cognitive Neuroimaging (CCNI) of the Psychology Department at University of Glasgow will have access to the data. It is possible that the data may be used by researchers working with CCNi for other similar ethically approved research protocols, where the same standards of confidentiality will apply. In all cases your name will not be used and your data will be identified only by a 5 digit code.

Will my General Practitioner (GP) be informed?

This is not a diagnostic scan. Your GP will not be routinely informed if your participation in this study has been as a normal volunteer. Brain images will NOT be routinely examined for abnormalities by a trained neuro-radiologist. Like faces, brains come in all shapes and sizes, however, so that there are many normal variations of what the scan shows. There is a chance of less than 1:100 that your scan may, by chance, show a significant abnormality of which you are unaware.

There is no guarantee that abnormalities will be picked up. It is possible, however, that an abnormality is detected, by chance, in the scan of a normal volunteer by the radiographer or one of the investigators. This is referred to as incidental finding. If this happens, your brain scan will be examined by a trained neuro-radiologist who will provide an expert opinion on the importance of the incidental finding for your health, and on the potential health benefit of disclosing this information to you. There are three possible cases:

- UNLIKELY NET BENEFIT: If the incidental finding is a condition not likely to be of serious importance for your health, or whose likely health importance cannot be ascertained, that finding will not be disclosed to you or your GP.

- POSSIBLE NET BENEFIT: If the incidental finding consists of a nonfatal condition that could possibly be grave or serious but that cannot be avoided or improved, then when you are likely to deem that information important, that finding will be disclosed to you with appropriate guidance. You may also choose not to be informed should such an unlikely finding apply to you. In that case, please tick the appropriate box on the consent form.

- STRONG NET BENEFIT: In the very unlikely case of a life threatening condition or a condition likely to be grave and that can be treated or improved, this information will be disclosed to you and you will be

appropriately advised. Further action will be decided which could involve further imaging and/or a discussion between you and your GP or an appropriate clinician.

What if new information becomes available?
If the new information pertains specifically to the health of the volunteer, the volunteer may be informed (see previous paragraph). Otherwise, new information will be published through traditional scientific channels (journal articles, conference presentations).

What will happen to the study results?
In accordance with good research practice, they will be kept securely for a minimum of 10 years and possibly indefinitely in the CCNi data archive.

Will I receive a financial compensation?
Yes. You will receive £6 per hour for your participation in this study.

Can I ask questions about the research project?
Yes. We will answer all questions you may have that are related to the research project to which you agree to participate (see contact details below).

Can I withdraw from the study?
Yes. You participation to this research project is voluntary, and you may withdraw from the research at any time and for any reason, without explaining why, and this will not affect your medical care or legal rights.

Can the investigators interrupt the study?
The research may be interrupted by the researchers at any time, and for several possible reasons such as new requirements for the selection of participants, for example.

Are there compensation arrangements if something goes wrong?
In the unlikely event of anything untoward happening, the University of Glasgow provides insurance for claims.

This research study has been approved by the Ethics Committee of the Faculty of Information and Mathematical Sciences at University of Glasgow.

Contact details
Name: Daniela Sammler
Address: Centre for Cognitive Neuroimaging & Department of Psychology, 58 Hillhead Street, Glasgow G12 8QB.
Telephone: 0141 330 4965
Email: d.sammler@psy.gla.ac.uk

Name: Professor Pascal Belin
Address: Centre for Cognitive Neuroimaging & Department of Psychology, 58 Hillhead Street, Glasgow G12 8QB.
Telephone: 0141 330 4629
Email: p.belin@psy.gla.ac.uk

Thank you for considering taking part in this study. Our research depends entirely on the goodwill of potential volunteers such as you. If you require any further information, we will be pleased to help you in any way we can.

STUDY INFORMED CONSENT - MRI
(This form must be completed prior to any scanning)

Study title: What intonation tells us – The neurocognitive architecture of meaning conveyed by prosodic or phonetic categories

☐ I confirm that I have read and understood the Study Information Sheet provided to me for the above study and have had the opportunity to ask questions.

☐ I understand the risks and contraindications including pregnancy.

☐ I understand that my participation is voluntary and that I am free to withdraw at any time, without giving a reason, without my medical care or legal rights being affected.

☐ I understand that this is not a diagnostic scan but that should, by chance, something abnormal be noticed, an expert neuro-radiologist will examine my scans. There is no guarantee, however, that if there is an abnormality, it will be detected.

☐ I do not wish to be informed if a nonfatal condition likely to be grave or serious but that cannot be avoided or ameliorated is discovered in my brain (non mandatory for participating).

☐ I understand that the research data may be accessed by researchers working at or in collaboration with the CCNi in similar ethically approved studies but that at all times my personal data will be kept confidential in accordance with data protection guidelines.

I have initialled the above boxes myself and I agree to take part in the study.

_____
SIGNATURE OF VOLUNTEER

Name: _____   Date: _____

_____
SIGNATURE OF WITNESS

Name: _____   Date: _____

Subject ID _____

Centre for Cognitive Neuroimaging
Department of Psychology
University of Glasgow
58 Hillhead street, Glasgow G12 8QB
Tel: +44 (0)141-330 5089, email: info@psy.gla.ac.uk

MRI consent form - Version of August 2009

REPORT ON ETHICS PROPOSAL
REF# CSE00963 (Version 1)
TITLE: Graphical Password Authentication
SUBMITTED BY: ████████████████████ STUDENT
FROM THE: COMPUTER SCIENCE
REVIEWERS: Aleksandra Vuckovic, Christoph Scheepers, Simon Garrod

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

Authentication is a major part in computer science. Most systems and applications have login page and ask for password in order to use those systems. Alphanumerical-based authentication is the most common technique in information technology. In order to authenticate a user for a system, basically, he/she is asked to enter alphanumerical user name and password which she/he has been set them up at the registration stage. This is a very easy, sufficient way for both users and software developer to enhance the user authentication. However, it will be quite difficult to remember more than one complex password because the user can remember only a limit number of passwords. Therefore, the user who has such complex passwords with more than one system will try to write them down somewhere or use the same password for many systems which makes them vulnerable to be theft. The previous drawbacks of alphanumerical-based authentication encouraged the researchers to find another authentication method called graphical password. Graphical password is a technique which uses set of pictures as a password rather than using alphanumeric password. In registration stage, people are asked to upload or choose number of pictures as their graphical password. Then, in order to be authenticated, people are asked to select their graphical password from set of pictures.
The aim from this experiment is to find out if people would be affected by their culture when they select a set of pictures as a graphical password.

Ł COMMENT FROM CHRISTOPH SCHEEPERS: Although it is commendable to inform subjects of the (small) theoretical risk of computer hackers being able to access the data (if they were ever interested in making such an effort), it's maybe a bit OTT.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

The researcher ████████████
It will be an online web page. At the end of the experiment, each participant will be paid a prize (´£10 Amazon gift voucher). This prize will be sent to the email provided by participants.

Ł COMMENT FROM ALEKSANDRA VUCKOVIC: The studnet cannot give ´£10 from his own budget. The budget must be either from some project or from his PhD budget (if allowed). Also the name of his supervisor does not appear anywhere

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

The aim from this experiment is to find out if people would be affected by their culture when they select a set of images as a graphical password. In other words, this experiment tries to measure the affect of culture on people when they select a set of images as their graphical password. It is important to know if the people would only select the images that only belong to their culture. Such results would affect the security of the graphical password scheme.

In order to examine the above theory, a graphical password authentication system has been developed. This system was designed to test tow groups of participants. Frist group is 30 participants from the UK while the second group is 30 participants from Saudi Arabia. Each group will be tested to see if they will choose their graphical password from images that belong to their culture or not. The reason behind choosing people from the UK and Saudi Arabia is that the accessibility (the researcher can visit these tow countries anytime and get any required information). Also, UK and Saudi Arabia have different type of culture based on Hofstede (1980). Therefore, we can study very different culture and find out if they both affect their people when they choose their graphical password.

All the participants must be between 16 and 35 years old and they should be male and female (15 males and 15 females for each group). This is because that we are trying to control or eliminate any possible factors that would affect the people choice of graphical password except their culture.

As any graphical password scheme, in order to register, people are asked to upload number of images as their graphical password or they will be given set of images to select from. This experiment will give the participants set of images from different culture (including their own culture) and ask them to choose their graphical password.

The problem here is how to find set of images that represent different cultures in the world. This problem has been solved by conducting an online questionnaire to ask different participants from different nationalities to give 5 images they believe they represent their own culture. All the participants spent most of their life in their country. This was a condition in order to accept the images the participants provided as images belong to their cultures. At the end of the questionnaire, we have built a database of about 1050 images representing more than 20 cultures. All the images that have copy rights were removed from the database.

This database will be used in this graphical password authentication system. The system will be designed on the Internet and emails will be sent randomly to public people including student and staff at Computing School at Glasgow University (In order to do this, a permission approval from the Head of Computing School should be obtained. This will be done after I got the ethics approval in order to attach it to the Head of Computing School), people in social networks such as facebook. The email will invite those people to visit the web page and participate by clicking on the link provided.

The graphical password authentication system is consists of three pages. First page contains the consent form which describes the aim of the experiment and the confidentiality and anonymity of participating in this experiment. If the participant agreed to participate in the experiment, there will be a button called "next" to be clicked at the end of the page in order to start the experiment. Otherwise, the participant is free to close the page and refuse participation.

Second page contains five demographic questions include email, age, gender, country and question to check if the participant spent most of his life at his/her country. The aim from these questions is to classify the participants and check if they meet the required conditions to participate which are:
- Age should be between 16 and 35 years old as described above.
- Participant's nationalities should be British or Saudi Arabian as described above.
- Participant should spend most of his life in his/her own countries in order to consider him/her as a representative of his/her country.
- The email is required in order to contact the participant regarding his/her prize after completing the

experiment. No name or ID will be required or linked to any sort of information given by the participant. Again, there will be a button called "next" at the end of the page in order to go to the third page if the participant meets all the above conditions.

At the third page, a grid of 100 images will be presented to the participant and he/she will be asked to select 4 images as his/her graphical password. These 100 images will be taken randomly from the database mentioned above.

For the participants from the UK:

*50 images will be from the British culture and 50 images will be from other cultures such as Korean or Indian culture, etc.

*The order of these 100 images will be presented randomly to everyone participate from the UK group. This condition because that we want to minimise the order factor that may effect the participant's choice as they may focus on the first four images from the grid without giving enough attention to the rest images.

For the participants from Saudi Arabia:

*50 images will be from the Saudi culture and 50 images will be from other cultures such as Japanese, Romanian culture, etc.

*Again, the order of these 100 images will be presented randomly to everyone participate from Saudi Arabian group. This condition because that we want to minimise the order factor that may effect the participant's choice as they may focus on the first four images from the grid without giving enough attention to the rest images.

After the participant choose 4 images as his/her graphical password by clicking on them directly, the button called "register" will be activated and it will be able to be clicked by the participant in order to direct him/her to "Thank you" page and finish the experiment.

In order to measure the affect of culture on people from the UK and Saudi Arabia when they choose their graphical password, every participant in this experiment will be marked as "Affected by culture" or "Not affected by culture".

- The participant is "Affected by culture" if he choose more than 2 images from his/her culture as graphical password (i.e. to select 3 or 4 images out of 4).

- The participant is "Not affected by culture" if he choose less than 3 images from his/her culture as graphical password (i.e. to select only 1 or 2 images out of 4).

At the end of this experiment, the number of each category for each group will be counted. This would give us a clear idea about weather the people from the UK or Saudi Arabia would be affected by their culture when they choose their graphical password or not.

Ł COMMENT FROM ALEKSANDRA VUCKOVIC: English needs to be improved

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

It has been decided to make the system accessible online in order to remove any stress from the participants in doing such experiment and also to give them the chance to do the experiment at anytime. Also, we have tried to minimise the time required to complete this experiment. For example, we have decided to present only 100 images and change their size to be between 16kb and 40kb in order to reduce the time required to send them from the database to the participant's computer.

The system has not been uploaded to the internet yet. However, it seems like it will take only between 5-7 minutes in order to complete this experiment as it consists only from three small pages with reasonable amount of data to be called from the database. Therefore, the procedures of the experiment would not cause that much of stress in order to complete it. Moreover, participation is voluntary and any user can

withdraw from the experiment at anytime by close the page directly and any data that has been entered by him/her will be deleted from the database.

Ł COMMENT FROM ALEKSANDRA VUCKOVIC: How much time approximatly participants would need to accomplish the task?

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

Participation in this study will be confidential. Answers will be stored securely and anonymously and will not be passed to any third parties. Also, it will not be linked to any name or ID as all the information will be only linked to the country (UK or Saudi Arabia). Moreover, in the case that the participant do not want to go further with the experiment, all the information he/she entered so far will be deleted from the database and he/she will be free to leave the experiment by close its page directly.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

1- People from the UK or Saudi Arabia who spent most of their life in one of these tow countries.
2- Their age is between 16 and 35 Years old including:
*Bachelor, Master, PhD students at Glasgow University.
*Staff at Glasgow University.
*People in social networks such as facebook.
Before the experiment started, the participant will be checked if he/she meets the above conditions in order to start the experiment.
Experiment will not involve children or those with mental disabilities or handicap.

Ł COMMENT FROM ALEKSANDRA VUCKOVIC: Do you think that the study would be biased by the fact that all participants are relatively high educated?

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

At the end of the experiment, each participant will be paid a prize (´£10 Amazon gift voucher). This prize will be sent to the email provided by participants. The participant who did not finish the experiment will not be included in this payment as his/her information including the email will be deleted from the database.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

Email will be sent randomly to people in the University of Glasgow, social networks. The email will contain an invitation to participate in this experiment. It will contain a description of the experiment with its aim. Also, it will contain a link to direct the participants to the experiment online. Before the experiment starts, there is a page contains the consent form which describe the aim of the experiment and the confidentiality and anonymity of participating in this experiment. If the participant agreed to participate in the experiment,

there will be a button called "next" to be clicked at the end of the page in order to start the experiment. Otherwise, the participant is free to close the page and refuse participation. By pressing the "next" button, the participant is giving his/her consent and this will be as an agreement on the webpage.

Ł COMMENT FROM ALEKSANDRA VUCKOVIC: Consent form is too lenghty looks like the information sheet, needs to be revised

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

No name or ID will be required from any participant. Only the email will be required in order to send the prize at the end of experiment. All the information given by participants will be linked only to the countries (UK or Saudi Arabia).

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

12/01/2012

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

No specific location as the experiment will be conducted online. It will be a website that can be accessed from any computer at anytime.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

Researcher's contact details will be given at the first page of the experiment (in the consent form) as part of explanation of the experiment itself and its aim. The participant can go back to the first page or visit the website again to get the contact details of the researcher. At the last page of the experiment, participants will be told that the feedback of the general outcome will be available to them if they request it by sending an email to the researcher's email given at the first page of the experiment.

Graphical Password Authentication Experiment

School of Computing Science
University of Glasgow

WHAT'S INVOLVED?

Authentication is a major part in computer science. Most systems and applications have login page and ask for password in order to use those systems. Alphanumerical-based authentication is the most common technique in information technology. In order to authenticate a user for a system, basically, he/she is asked to enter alphanumerical user name and password which she/he has been set them up at the registration stage. This is a very easy, sufficient way for both users and software developer to enhance the user authentication. However, it will be quite difficult to remember more than one complex password because the user can remember only a limit number of passwords. Therefore, the user who has such complex passwords with more than one system will try to write them down somewhere or use the same password for many systems, which makes them vulnerable to be theft. The previous drawbacks of alphanumerical-based authentication encouraged the researchers to find another authentication method called graphical password. Graphical password is a technique, which use set of pictures as a password rather than using alphanumeric password. In registration, people are asked to upload or choose number of pictures as their graphical password. Then, in order to be authenticated, people are asked to select their graphical password from set of pictures. The aim from this experiment is to study the type of pictures that people would use as graphical password

WHO BENEFITS?

We hope your participation will help us to understand the way of selecting pictures as graphical passwords by different participants. This experiment will take between 5-7 minutes to complete. Participants begin by answering a series of questions about email, gender, age and country. Then, they will be presented with a grid of 100 pictures

(10*10) as they will be asked to select 4 pictures as graphical password.

Your participation is voluntary and we hope that you will enjoy selecting some images to use them as your new graphical password.

WHO ARE THE RESEARCHERS?

The research has being carried out by ████████████, a PhD Student in the School of Computing Science at The University of Glasgow.

CONFIDENTIALITY

All responses are treated as confidential, and in no case will responses from individual participants be identified. Rather, all data will be pooled and published in aggregate form only. Participants should be aware, however, that the experiment is not being run from a "secure" https server of the kind typically used to handle credit card transactions, so there is a small possibility that responses could be viewed by unauthorized third parties (e.g., computer hackers).

PRIZE

Participants who complete the study will be paid a prize (£10 Amazon gift voucher). This prize will be sent to the email provided by participants. Participation is voluntary, refusal to take part in the study involves no penalty, and participants may withdraw from the study at any time without penalty and any data already provided will be discarded.

CONTACT

To arrange to take part in the study or if you have any questions, you should contact:

████████████

School of Computing Science

The University of Glasgow

Glasgow G12 8QQ

████████████

████████████

The Graphical Password Authentication

Welcome to "The Graphical Password Authentication," a web-based experiment that examines some aspects of the graphical password authentication. Graphical password is a technique, which use set of pictures as a password rather than using alphanumeric password. In registration, people are asked to upload or choose number of pictures as their graphical password. Then, in order to be authenticated, people are asked to select their graphical password from set of pictures. Before taking part in this study, please read the consent form below and click on the "I Agree" button at the bottom of the page if you understand the statements and freely consent to participate in the study.

Consent Form

This study involves a web-based experiment designed to study the type of pictures people would use as graphical password. The study is being conducted by ▮▮▮▮▮▮▮▮, a researcher student at the university of Glasgow, and it has been approved by the university of Glasgow (ethical approval number:). No deception is involved, and the study involves no more than minimal risk to participants (i.e., the level of risk encountered in daily life).

Participation in the study typically takes between 5-7 minutes and is strictly anonymous. Participants begin by answering a series of questions about email, gender, age and country. Then, they will be presented with a grid of 100 pictures (10*10) to select 4 pictures from them as graphical password.

All responses are treated as confidential, and in no case will responses from individual participants be identified. Rather, all data will be pooled and published in aggregate form only. Participants should be aware, however, that the experiment is not being run from a "secure" https server of the kind typically used to handle credit card transactions, so there is a small possibility that responses could be viewed by unauthorized third parties (e.g., computer hackers).

Participants who complete the study will be paid a prize (£10 Amazon gift voucher). This prize will be sent to the email provided by participants. Participation is voluntary, refusal to take part in the study involves no penalty, and participants may withdraw from the study at any time without penalty and any data already provided will be discarded.

If participants have further questions about this study or their rights, or if they wish to lodge a complaint or concern, they may contact the principal investigator, ███████████████████████ ████████████████████

If you are 16 years of age or older, from the United Kingdom or Saudi Arabia, spent most of your life in one of these two countries, understand the statements above, and freely consent to participate in the study, click on the "I Agree" button to begin the experiment.

Agree	I Do Not Agree

REPORT ON ETHICS PROPOSAL
REF# CSE00959 (Version 1)
TITLE: Anarchist Ingredients to Enhance the Flavour of Democracy
SUBMITTED BY: ▮▮▮▮▮▮▮ Doctorial Candidate
FROM THE: Human Geography
REVIEWERS: Helen C. Purchase, Lars Muckli, Stephen Brewster

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

My guiding research questions are as follows: In what ways do people with socio-political imaginations, alternative to mainstream political practice, attempt to produce space within their cities? How do they understand and utilize democracy in these attempts and what role does or can anarchism play? This necessarily involves an exploration of the internal dynamics of subaltern groups active in the conscious production of space: in this case the Glasgow Social Centre (GSC) and Occupy Glasgow. In order to more fully understand the â•œobstacles, possibilities and dilemmasâ•š (Wright 2010) of democratic transformation this research will also look out with the groups themselves, exploring the politics at work in producing the space(s) the groups use around the city of Glasgow. Following Cornwallâ•Žs (2004) tryptic of democratic space (closed, invited and created) I am interested in the dynamic relationship between the individual, the group and the city: how they define one another; are created in response to one another; and at times legitimize and remodel one another; and how might the particularities of one become common practice throughout?

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

This research is funded by an Urban Studies Foundation Scholarship, which supports interdisciplinary research into urban and regional research issues.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

I would like to chart the GSC over the coming year as it continues in its attempt to establish a space within the city. My interest is in the tactics members of the GSC employ to both build a community of activists and create a material space(s). â•ŸChartingâ•Ž the GSC will involve 20 one-to-one interviews with fellow participants spread over the year and focus groups discussing core social centre concerns (2-3 focus groups). Participant observation will allow me to gain a richer understanding of group dynamics.

At this time the GSC is without a centre. Furthermore, the group participates in a diverse range of actions and events. These take place in a variety of spaces around the city, which include: community centres, memberâ•Žs homes, bars, cafes, parks and streets.

I have explained the nature if this research to the GSC both verbally and in written format, posted on the groupâ•Žs email â•Ÿdiscussâ•Ž list. Attached to this application are the said research information document and a signed letter of consent from the group.
My work with Glasgow Occupy will not involve participant observation but will include interviews (20 interviews) and focus groups (2-3 focus groups). All interviews will consist of open-ended questions to

ensure participants have suitable opportunity to discuss what is important to them, rather than be restricted to preset closed questioned designed by the researcher. As such, while key themes will be pre-determined before interviews (i.e. democracy, urban life, collective resource management etc), interviewees will have some influence over the direction of the interviews.

Interview locations will take place in the city of Glasgow wherever participants feel most comfortable: most probably somewhere close to their home or place of work. If permission is granted, interviews may be recorded for more accurate translation to take place at a later stage so as to allow for direct quotations to be used in research writing. It is anticipated that approximately 40 interviews will be conducted each lasting approx 40 minutes. All interviewees will be made aware of the nature of the research verbally and by way of a consent form.

The GSC works out of various locations across the city. Occupy Glasgow is effectively an outdoor action, therefore Focus Groups will be conducted in the university at the School of Geography and Earth Science. Approximately 4-6 focus groups will be conducted over a ten-month period focusing on the core areas of the research question (mentioned above). Focus groups will last approx. 1 hour. All participants will be made aware of the nature of the research verbally and by way of the consent form.

Ł COMMENT FROM LARS MUCKLI: There is nothing about the content of questions and dimensions that will be asked -

Ł COMMENT FROM HELEN C. PURCHASE: Some reassurance that the questions will focus on the _groups_ and their aims, rather than on the _individuals_ would be useful

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

This research has no physical affect on individuals taking part. With a subject such as political geography, there may be some sort of emotional responses by individuals; throughout interviews, non-verbal responses to questions will be monitored and should participants begin to show any sign of emotional distress the interview will be stopped.

Ł COMMENT FROM LARS MUCKLI: I doubt whether non-verbal responses to questions are a reliable source of information - the subject can stop the interview whenever they decide so 'overtly' is sufficient

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

As with all research involving human subjects, this research carries with it ethical implications. This research will strictly follow ESRC and other professional academic guidelines relating to the kind of ethnographic work proposed here (particularly those set out by the American Anthropological Association which provides the most detailed guidelines for best practice in ethnographic fieldwork). The research will take place with participants full and informed consent, with anonymity offered, and with the research entirely transparent.

Furthermore, my primary ethical obligations are to the people and places I study. These obligations can supersede the goal of seeking new knowledge, and can lead to decisions not to undertake or to discontinue a research project when the primary obligation conflicts with other responsibilities, such as those owed to sponsors or clients. These ethical obligations include:

. To avoid harm or wrong, understanding that the development of knowledge can lead to change, which

may be positive or negative for the people worked with or studied.

. To respect the well-being of humans

. To consult actively with the affected individuals or group(s) with the goal of establishing a working relationship that can be beneficial to all parties.

The full nature of the research will be explained to participants, who will in no way be coerced into taking part. They will enter into the research voluntary and they will be repeatedly reminded that they are able to disengage at any point. The wishes expressed by all participants will be fully respected.
All attempts have been made to reduce the power gradient between researcher and participants, from conducting interviews in spaces and places where participants feel most comfortable, to the decision to employ open ended questions allowing respondents the power to control the direction of the interviews.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

Using the ESRC framework, the participants are not classed as â•Ÿvulnerable groupsâ•Ž: that is they have no mental disability and will be adults capable of providing fully informed consent. As stated in qu. 8 no payment will be made, so this will not be an insensitive for people to take part that would under different circumstances choose not to take part.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

Payment will not be made, however any costs incurred by the participants during interviews will be reimbursed.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

As I am an active member of the GSC, recruitment has mainly been through verbal communication. However, in order to more fully inform members of the nature of the research I have posted an information document on the GSC discuss email list (document attached). As an â•Ÿoccasionalâ•Ž occupier in the Glasgow Occupy movement, recruitment will be verbal. As with GSC members, an information document will be made available to all occupiers, past and present, asked to participate in focus groups and interviews.

Both documents are slightly different due to participant observation being utilised only in respect to GSC events.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes, having made myself familiar with the ESRC framework I am confident this research is in full accord with it.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Participants will be assigned a pseudonym from the outset and referred to this in all notes and in print thereafter. Great care will be taken over all information kept, audio or written, by keeping them in locked drawers and password protected computers.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

09/01/2012

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

Glasgow (various locations indoor and outdoor).

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT
(THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

All participants will be provided with an email address and mobile number of the researcher, in case on reflection they no longer wish to be included in the research.

GSC members have expressed an interest in me providing a report at the end of the research outlining my findings in a less academic format to the final thesis. I am more than happy to do this and will offer the same to Occupy Glasgow participants.

Research Information Sheet

The theory

Linda McDowell (a feminist and economic Geographer from the UK) writes "Despite the gradual extension of the franchise to the working class and to woman in most societies, a noticeable feature of urban practice and policy has been the separation, segregation and isolation of motley groups of 'others' - be they woman, the working class, non-'natives' or the mob – who are less welcome in certain spaces of the city…. Thus the urban civic arena – public spaces and state institutions – is constructed as exclusive rather than inclusive space".

Henri Lefebvre (a French political philosopher) suggests that all groups, whether alternative or mainstream, cannot constitute themselves unless they produce a material space. Being invited into a space or being a passive user of space is not the same as consciously producing it. Private space belongs to the individual or group of individuals. Public space belongs to the state in as far as the management of space has been removed from the public's responsibility. How then do we constitute ourselves without a space of our own production?

As a geographer the production of space is always at the forefront of my thoughts. As an activist I spend much of my time struggling against forces that prevent or limit the potential of communities to self-determine their own space. Community self-determination in the production of space is crucial if we are to build a society of communities and individuals that freely participate in the collective management of our resources.

The Social Center Movement, which has its roots as far back as the early 20th Century in Italy's industrial working class communities, I believe, continues to be a useful and potentially powerful visible expression of self-determination and community organization within our cities. At their best, Social Centers are simultaneously spaces of disruption and creativity. They disrupt the everyday ebb and flow of the TINA (There Is No Alternative) touts by inviting people to create alternatives. These imperfect experiments in cooperation are part of growing movement, which seeks to reclaim our cities from the political and corporate elite (see community Gardens, Squatter Groups, and most recently Occupy).

Proposal

I would like to chart the Glasgow Social Centre over the coming months (Jan 2012 – Sept 2012) as it continues in its attempt to establish a space within the city. My interest is in the tactics we employ to both build a community of activists and create a material space(s). 'Charting' the GSC will involve a series of one-to-one interviews with fellow participants spread over the year and focus groups discussing core social centre concerns. In addition, as a participant in the GSC, I will employ a method known as participant observation, described thus: "Participant observation is a *minimal* methodology in geography. Its credo is to keep as close to the spatial phenomenon as is possible and it is thereby quite distinct from methodologies that emphasize distance and objectivity. Participant observation involves observing *and* participating" (http://web2.ges.gla.ac.uk/~elaurier/texts/PART-OB.pdf). This

work is designed to supplement a wider theoretical body of research that looks at the relationship between anarchist theory and democratic theory[1].

My guiding research question is a relatively straightforward one: In what ways do people with socio-political imaginations, alternative to mainstream political practice, attempt to produce space within their cities?

Please do contact me with any questions you have about this research proposal either via the GSC discuss list or my email address ████████████████████

Notes:

. Final thesis will be made available to all participants on completion.

. Often, in research like this, anonymity is preferred when direct quotes are being used in the written work. Unless stated otherwise by participants, I will continue with this course of action.

---

[1] While the GSC is certainly not exclusive to those who identify themselves as anarchist, the social centre movement, nevertheless, embodies much within anarchist political philosophy (i.e. free association; mutual aid; DIY politics etc).

Glasgow Social Centre Ltd

Electron Club

The Centre for Contemporary Arts

350 Sauchiehall Street

Glasgow

G2 3JD

05/12/11

Dear Sir/Madam

This letter confirms that we, the directors of the Glasgow Social Centre (GSC), have agreed to take part in research carried out by ███████████ of the School of Geography and Earth Sciences at the University of Glasgow. The research begins in January 2012 and ends September 2012.

We also confirm that ██████ has spoken to us directly and other active participants of the group about his research. Furthermore, in an effort to reach out to occasional GCS participants and current non-active participants of the GCS ██████ has posted on the group emailing list a document outlining the nature of the research. To our knowledge no GSC participant has rejected John's proposal.

Yours Sincerely

REPORT ON ETHICS PROPOSAL
REF# CSE00949 (Version 1)
TITLE: Familiar face recognition at different viewing distances
SUBMITTED BY: Meike Ramon, Visiting research fellow
FROM THE: Institute of Neuroscience and Psychology
REVIEWERS: Alessandro Vinciarelli, Hester Parr, Lars Muckli

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

The purpose of this study is to determine the range across which humans are able to reliably identify personally familiar faces.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

The research is organized and funded through the individually funded researchers involved (Meike Ramon, Luca Vizioli, Philippe Schyns).

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

Ten to 15 participants will complete a behavioral experiment, throughout the course of which they will be presented images of personally familiar individuals on a PC monitor in front of them (stimulus presentation controlled by Psychtoolbox in a Matlab environment). Their task will be to verbally identify the individuals depicted.

We will simulate increasing physical distance between a signaler and a receiver by shrinking image size with the Laplacian Pyramid (Burt & Adelson, 1983), a technique that recursively removes the highest spatial frequencies of an image while downsampling the residual image by a corresponding amount. For each original image we will present 7-9 different simulated viewing distances (number determined prior through pilot testing to minimize number of trials to crucial range) to determine participants' thresholds for successful identification.

The duration of the experiment should not exceed 15-20min per subject.

  COMMENT FROM HESTER PARR: I'm confused about the 'personally familiar' individuals - how is this bit organised?

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

There is no effect on the participants (purely behavioral experiment).

  COMMENT FROM HESTER PARR: It will have 'an effect' - but maybe not one for an ethics committee to consider!

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

In my opinion there are no ethical issues involved in this proposal.

COMMENT FROM HESTER PARR: How are the people 'personally known'?

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

The participants tested in the realm of this study are members of the Institute of Neuroscience and Psychology, who are personally familiar with the individuals depicted in the stimulus material and are able to identify them by name.

COMMENT FROM HESTER PARR: as above

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

Participants will receive a small payment for their participation, which will be determined by the duration of the experiment (in accordance with the standard compensation for behavioral testing at the Institute of Neuroscience and Psychology).

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

Potential participants (i.e. members of the Institute of Neuroscience and Psychology) will be addressed individually for recruitment purposes.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Participants' anonymity will be assured by only referring to a subject number during analysis; acronyms will be used to refer to subjects in potential publication(s) arising from this study.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

Pilot testing to determine the stimuli for the final experiment will begin at the beginning of December; the actual experiment can begin any time from mid-December onward provided ethics approval.

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

The experiment will be conducted in one the "self-bookable rooms" made available for testing purposes through/at the Institute of Neuroscience and Psychology.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT (THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

After the experiment participants will be briefed about the purpose of the research. They are given contact details of the investigator on the Study Consent Form (attached) for further questions and concerns. If they are interested, they will be given a more detailed description of the experiment and its aims.

Plain Language Statement

1. Study title and Researcher Details

Familiar face recognition at different viewing distances (Meike Ramon, Luca Vizioli & Philippe Schyns)

2. Invitation paragraph

You are being invited to take part in a research study. Before you decide it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

Thank you for reading this

3. What is the purpose of the study?

The purpose of this study is to investigate the spatial range across which humans can identify faces of personally familiar individuals.

4. Why have I been chosen?

You have been chosen because you are familiar with all or the majority of the individuals depicted in the present study.

5. Do I have to take part?

No, participation is voluntary (otherwise you wouldn't be here now).

6. What will happen to me if I take part?

You will be asked to verbally identify faces presented on the screen in front of you.

7. Will my taking part in this study be kept confidential?

Yes.

8. What will happen to the results of the research study?

They will be analyzed for potential publication.

9. Who is organising and funding the research? (If relevant)

The research is organized by the aforementioned, individually funded researchers (see above).

10. Who has reviewed the study?

The ethics committee of the Institute of Neuroscience and Psychology.

11. Contact for Further Information

Meike Ramon   **m.ramon@psy.gla.ac.uk**

Luca Vizioli   **lucav@psy.gla.ac.uk**

Philippe Schyns   **p.schyns@psy.gla.ac.uk**

If you have any concerns regarding the conduct of this study, you can contact the School of Education Ethics Officer by contacting Irene McQueen at **irene.mcqueen@glasgow.ac.uk**.

Consent Form

Title of Project: **Familiar face recognition at different viewing distances**

Name of Researchers: Meike Ramon, Luca Vizioli, Philippe Schyns

1. I confirm that I have read and understand the Plain Language Statement for the above study and have had the opportunity to ask questions.

2. I understand that my participation is voluntary and that I am free to withdraw at any time, without giving any reason.

3. My data will be handled anonymously (referred to by pseudonym) in any publication(s) arising from this study research.

4. I agree to take part in the above study.

Name of Participant	Date	Signature

Meike Ramon		
Researcher	Date	Signature

REPORT ON ETHICS PROPOSAL
REF# CSE00955 (Version 1)
TITLE: The difficulty of text entry while walking
SUBMITTED BY: ███████████████, PGR
FROM THE: School of Computing Science
REVIEWERS: Klaus Kessler, Marie-Helene Grosbras, Vincent Macaulay

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

The purpose of the proposed research study will examine the effects of text entry on a mobile device while walking. Text entry is one of the main methods to interact with mobile devices therefore it is important to understand how well users perform such input task while on the move. For example, users could be text messaging their family and friends while walking to work or searching the internet for a local restaurant in the nearby location when visiting an unknown area. The introduction of walking could affect text entry performance as the user is multitasking and dividing their mental attention between text entry interaction on a mobile device while walking and navigating the surrounding area to avoiding obstacles such as other people and potentially hazardous objects.
The study is interested in finding out:
1. If walking causes issues or problems with text entry. If so, how badly does it affect text entry performance?
2. Can we analyse the gait movements of the participants to understand what exactly causes the issues/problems of text entry while walking?
3. Can our solution aid users to improve text entry performance (such as reducing error rates) while walking?
To answer these questions, we propose to conduct a study which evaluates three different types of text entry methods. Participants will evaluate each text entry method either stationary (i.e. standing still) or walking therefore it would allow us to compare the difference in performance between the two stances and if walking has a significant effect on text entry.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

I will be funding this research project.

Ł COMMENT FROM KLAUS KESSLER: Students should not personally fund their research

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

The study will evaluate three different types of text entry methods to examine if walking has any effects on text entry performance. The three methods are:
1. Standard QWERTY soft keyboard.
2. Graffitiâ—¢ - a gestural handwriting recognition input method.
3. Our own implementation of a dynamic soft keyboard.
Each text entry method will be evaluated with the participant either standing still or walking. Therefore

there will be six conditions in total with the experiment designed in a 3x2 layout (input method vs. stance). For the walking conditions, the participants will be navigating a pre-set route which will be setup in advance in a large and quiet room area. The experimenter will debrief the participants about the route before the experiments start.

For each condition, the task is to input the short text phrase currently displayed on screen as quickly and as accurately as possible. Once they have finished entering the current phrase, the participant would click on the â•ŸDONEâ•Ž button and the next text phrase will appear. The process is repeated until the application prompts the user that the experiment has finished. The application will log the input text stream and the completion time of each phrase which allows different text entry performance metrics to be calculated.

The application will be installed on a Google Nexus One smartphone device running the Android 2.3 operating system. We also propose to use a SHAKE sensor device to record the participantsâ•Ž gait movements and phases which hopefully could give us an indication of why walking affects text entry on mobile devices. The SHAKE is roughly the size of a match-box and has multiple sensing components such as accelerometer and gyroscope embedded inside. It will be securely attached to the participantâ•Žs waist area (top of the trousers or jeans) or neck area (back of t-shirt collar) via a secure clip which will hold the SHAKE in place. The experimenter will make sure the SHAKE is securely attached to the user and will make sure the participant is in a comfortable state before the experiment begins.

We propose to recruit 30 participants for the study.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

The participants will be interacting with a smartphone and will experience a large amount of text entry during the experiment. Depending on their personal usage of mobile devices in their day to day activities, participants may not be familiar to high volumes of text entry in a short period of time. Also, participants may prefer not to interact with mobile devices while walking or in situations where the interaction hinders their primary task of walking. Therefore during the experiments the participants will be given a break in between each condition and will be told that they could take a break during the experiment at any time. The study does not require or force the participants to walk in a particular style or speed. The participants will be informed to walk as naturally as possible and at a pace that they are comfort with. Also, the participants will be told that they could withdraw from the study at any time and the data collected will not be used or stored and will be erased immediately.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

There are two main ethical issues:

1. The participantsâ•Ž physical fatigue and general health wellbeing.
The study has six conditions and each condition consist of a large amount of text entry therefore the participants could experience general fatigue, tiredness as the study progresses. The overall study for each participant should not take longer than one hour to complete. The participants will be given a break in between each condition and will be told that they could take a break during the experiment at any time. The participants will also be instructed that they can withdraw from the study at any time and the data collected will not be stored and will be erased immediately.

2. Participant safety in the walking conditions.
The study will take place in a large and quiet room area where the experimenter will setup a figure of eight route for the participants to navigate around for the walking conditions. We propose to use cones as markers and the route will be laid out well clear from the walls of the room to ensure the participants

do not accidental injury themselves when performing the experimental task. Other obstacles such as chairs and tables will be removed from the area before the experiment begins.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

No children or those with mental disabilities or handicap will be recruited or take part in the study. The participants will be students and staff members of the university

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

Each participant will be paid ´£6.00 for completing the study.

Ł COMMENT FROM KLAUS KESSLER: But the student should not pay this from personal money.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

We propose to recruit participants by emailing students and staff mailing lists. However, we will acquire all the permissions required from the head of school and if necessary, the head of college before using the mailing lists to send out emails to recruit participants.
The participants will be presented with an information sheet and a consent form to sign before the study begins.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

The proposal is in accordance with the BPS code of conduct.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Each participant will be assigned a random participant number to keep the data collected anonymised. The application will not ask nor store any personal information about the participants. The data collected will be kept on a password protected desktop PC. The consent forms will be kept in a locked cabinet. Both the desktop PC and cabinet are located in a locked room.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

The project will begin once ethics approval has been granted.

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

The study will take place on Level 5 of the Sir Alwyn Williams Building, Lilybank Gardens, Glasgow.

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT (THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

At the end of the experiment, we would thank the participant for taking part in the study. If they would like to find out the outcome of the experiment or would like more information on our research area then the participant will be given the opportunity would write down their email address. We would send them the results of the study or/and any relevant information requested.

The Difficulty of Text Entry While Walking

Introduction

This study will examine the effects of text entry on a mobile device while walking. Text entry is one of the main and important methods to interact with mobile devices. For example, users could be text messaging their family and friends while walking to work or searching the internet for a local restaurant in the nearby location when visiting an unknown area. The task of text entry could well be affected by the introduction of walking as the user has to divide their mental attention between inputting text on a mobile device while walking and navigating the surrounding area to avoiding obstacles such as other people and potentially hazardous objects.

The study is interested in finding out:

1. If walking cause issues or problems with text entry. If so, how badly does it affect text entry performance?

2. Can we analyse the gait (walking) movements and phases of the user in detail to understand what exactly causes the issues/problems of text entry while walking?

3. Can our solution aid users to improve their text entry performance (such as reducing error rates) while walking?

Task

In order to gain a better understanding to our research problem, the study will evaluate three different types of text entry input methods:

1. Standard QWERTY soft keyboard.

2. Graffiti™ - a gestural handwriting recognition input method.

3. Our own implementation of a dynamic soft keyboard.

The three different types of text entry methods will be assessed on a Google Nexus One smartphone device running the Android 2.3 operation system. Each text entry method will be assessed while the participant is either stationary (standing still) or walking the pre-set figure of eight route therefore there will be six conditions in total. A SHAKE[1] sensor device will be securely attached to either the neck or waist body areas (depending on the type of clothing you are wearing) for the walking conditions to record your gait movements. This gives us the opportunity to examine in detail if there are particular walking phases which cause issues or problems to text entry while the user is on the move.

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[1] http://code.google.com/p/shake-drivers/

The Difficulty of Text Entry While Walking

For each condition, the Android application will display with a short text phrase. Your task is to enter the text phrase was quickly and as accurately as possible. Once you are happy with the text that you have entered, click on the 'DONE' button and the next phrase will appear. The process is repeated until the application prompts you that the experiment has finished.

Important

It is important that you alert the experimenter immediately if you are experiencing any sort of pain or discomfort during the experiment.

You will be given a break between each condition but you can ask for a rest at any time during the experiment. If this happens, the experiment will be stopped and the data collected to that point will be erased. The condition will be repeated once you are satisfied to continue.

Also, you have the right to withdraw from the study at any time without prejudice. All data collected to that point will be erased immediately.

Finally, the application will not ask or store any personal details about you. The text entry data collected will be anonymised to ensure privacy and confidentiality.

If you have any questions or issues, please contact:

Name: ██████████
Email: ████████████████████
Room: ████

Sir Alwyn Williams Building,
Lilybank Gardens,
Glasgow,
G12 8QQ,
Scotland
School of Computing Science

Participant Consent Form:
The Difficulty of Text Entry While Walking

The aim of this study is to examine the effects of text entry on a mobile device while walking. We are interested in finding out:

1. If walking causes issues or problems with text entry. If so, how badly does it affect text entry performance?

2. Can we analyse the gait phases of the participants to examine what exactly causes the issues/problems of text entry while walking?

3. Can our solution aid users to improve text entry performance (such as reducing error rates) while walking?

In order to gain a better understanding to our research problem, the study will evaluate three different types of text entry input methods: standard QWERTY keyboard, Graffiti™ (gestural handwriting recognition input method) and our implementation of a dynamic keyboard. You will be evaluating each text entry input method either standing still or walking a pre-set route (the experimenter will explain to you before the experiment begins) therefore there are six conditions in total. For each condition, your task is to enter the phrase displayed on screen as quickly and as accurately as possible.

The application will record the text input stream and the time of completion for each phrase you enter therefore we can use this data to calculate different performance metrics. All data collected will be anonymised to ensure privacy of all the participants.

The study will take approximately 1 hour to complete. You will be given a break in between each condition and you can ask for a break (if necessary) at any time during the experiment.

Your participation in this experiment will have no effect on your marks for any subjects at this or any other university.

You will be paid £6.00 for completing this study.

Finally, you have the right to withdraw from the study at any time without prejudice. All data collected to that point will be erased immediately.

If you have any questions or issues, please contact:

Name: ▮▮▮▮▮▮▮
Email: ▮▮▮▮▮▮▮▮▮▮▮▮
Room: ▮▮▮

School of Computing Science
Sir Alwyn Williams Building,
Lilybank Gardens,
Glasgow,
G12 8QQ,
Scotland

Participant Consent Form:
The Difficulty of Text Entry While Walking

I have read this consent form, and agree to take part in this experiment:

Name: _____

Signature: _____

Date: _____

REPORT ON ETHICS PROPOSAL
REF# CSE00964 (Version 1)
TITLE: Bima Hainia Kima: Health, Healing and Human Rights in Tanzania
SUBMITTED BY: ███████, Post Graduate PhD Candidate
FROM THE: School of Geographical and Earth Sciences
REVIEWERS: Monika Harvey, Stephen Brewster, Simon D. Rogers

1. DESCRIBE THE BASIC PURPOSES OF THE PROPOSED RESEARCH

By disrupting the biomedical conceptions of disease, and calling into question the degree to which (ill)health can be considered entirely â•Ÿnaturalâ•Ž or â•Ÿbiologically determinedâ•Ž, this research is ultimately concerned with the non-biological aspects of common household diseases in a developing world context i.e. malaria, diarrheal diseases, typhoid.

This research will be conducted in Tanzania, where the researcher has previous experience working on health related topics at both undergraduate and postgraduate level, and working with similar groups of participants as the proposed project. Research clearance has been granted by the University of Glasgow and University of Dar es Salaam on all previous trips, including the pilot study for this proposed research, which is for completion of the PhD project. The project aims to unravel the multiple factors which affect individualsâ•Ž health outcomes, from ecological to economic conditions, global political systems to local belief systems. Desk based analytical research has been conducted which has focused upon the ecological conditions that support transmission; the politics of global health governance; and economic influences. To supplement this desk-based research, interviews with government officials and those working for non-governmental organisations/philanthropist groups is proposed. Furthermore, in order to gain perceptions and experience â•Ÿon the groundâ•Ž, primary research will also be conducted with human participants living within and around the economic capital of Tanzania, Dar es Salaam, and with short trips to Dododma and Kigoma.   It is important to note from the outset, and will be discussed in further detail in question 8, that participants will not be recruited from hospitals or medical centres, will not necessary have suffered from illnesses being discussed and as such participants will not be required to discuss or disclose their medical history if they do not wish. The research is also interested in more conceptual issues as to how â•Ÿhealthâ•Ž and the â•Ÿbodyâ•Ž are thought of, which will not necessarily draw upon an individualâ•Žs own experiences of any illnesses.

This project is theoretically and politically invested in the â•Ÿrights based approach to healthâ•Ž, which understands health as a fundamental human right as enshrined within international laws, treaties and declarations. It is acutely aware, however, that many of the discussions taking place have been predominantly theoretical and academic, with little reflection on the â•Ÿmessy businessâ•Ž and â•Ÿhard graftâ•Ž of realising the right to health in low income settings. As such, a major part of this research will be to determine how the human right to health can practically be realised on the ground, to examine individuals participation in the politics of health governance and the extent to which individuals are willing to play the role of active citizens and rights bearers who demand their right to health. It will also analyse Community Based Health Insurance schemes, known locally as Bima ya Afya â•fi they are not-for-profit organisation run for and by communities. This project seeks to critically determine if Bma ya Afya schemes represent a more equitable alternative to the current commodification health. Moreover, the project seeks to establish if the community run voluntary element is fundamental, incidental or detrimental to the appeal and operations of community run health organisations.

2. INDICATE WHO IS FUNDING THE RESEARCH (IF COMMERCIALLY FUNDED, ENSURE THAT PARTICIPANTS ARE INFORMED).

This research is funded by the researchers PhD sponsors the Lord Kelvin Adam Smith Scholarship which supports interdisciplinary research in the University of Glasgow.

3. DESCRIBE THE DESIGN OF YOUR EXPERIMENT (E.G. CONDITIONS, NUMBER OF PARTICIPANTS, PROCEDURE AND EQUIPMENT WHERE APPROPRIATE) SEE BPS ´§2 & ´§8

This is a qualitative research project which will be predominantly interview based. While English is the official language of government in Tanzania, Kiswahili is the national language and most commonly spoken, it is therefore anticipated that the majority of interviews will be conducted in Kiswahili. The researcher is deeply committed to learning Kiswahili, and, having taken part in an intensive and immersive language training course over the last two year, is currently conversational in Kiswahili. Although this research is being conducted after further intensive language training, a translator will be present for most interviews. The translator will be a (post)graduate student and/or member of staff from Womenâ•Žs Dignity. As a (post)graduate student and/or trained researcher, the translator will have previous research experience and be well versed in the ethical considerations of fieldwork. The researcher will also ensure that they are made fully aware of the ethical expectations of this specific research as well as the ESRC ethics framework.

The interviews will take place with various stakeholders. Interviews with (potential) sufferers and volunteers of community health insurance schemes will consist of open-ended questions to ensure participants have suitable opportunity to discuss what is important to them, rather than be restricted to preset closed questioned designed by the researcher.   As such, while key themes will be pre-determined before interviews, interviewees will be encouraged to take control over the direction of the interviews.

Key themes include:

Common Household Illnesses
Experiences of illness â•fi sufferer and other household members
Experiences of care (attitude of staff)
Coping Strategies
-Who decides when to seek professional medical assistance?
-What factors decide this?
-Where is money sought for treatment?
-Who finds money?
-Who provides care?
-What roles do individual members adopt when a person is unwell?

Health as a Human Right
Is health a human right
Awareness of rights
Who is the perceived duty bearer for protecting, respecting and fulfilling right to health
Are rights protected, respected, and fulfilled
Who (doesnt) protect, respect and fulfil rights
Awareness of exemption policies

Awareness of complaint procedure
Knowledge sources

Community Health Insurance Schemes:
Establish whether individual is member/has been member
Factors determining enrolment of schemes
Trust towards individuals volunteering
Attitude towards potential Government operated scheme
Attitude towards potential private (for profit) operated schemes
Perceived positive aspects of schemes
Limitations of schemes

Volunteers of CHI Scheme
Motivation for volunteering
Experiences â•fi Empowered or overburdened?
Ownership over scheme
Skills gained
Support provided/wanted by outside sources
Operational difficulties

Interviews locations will change depending upon the participant, officials will most likely be interviewed in their offices, while community members will be interviewed in spaces where they feel most comfortable, from previous experience, most probably in close proximity to their home or place of work. As is the nature of research of this type, this may be in places considered â•Ÿunconventionalâ•Ž for Western research, including in fields, under trees, or sitting at street corners, where participants will feel more relaxed and discussion can be somewhat informal. Interviews will be translated on the spot, allowing follow up questions to be asked there and then, with notes taken during this time. If permission is granted, interviews may be recorded for more accurate translation to take place at a later stage so as to allow for direct quotations to be used in research writing. Visual methodologies may also be employed, whereby respondents are given disposable cameras as means to document events, and which are later used to assist discussion with respondents, giving individuals further control over interview direction, and greater opportunity to discuss what is important to them. Photographs will also be taken, when these include human subjects their consent will be sought. Interviews will also take place with volunteers operating the bima ya afya schemes specifically focussing on their experiences as volunteers. It is anticipated around 100 interviews will be conducted during this research trip, with some follow up interviews with certain participants. Considering the interviews will be open ended and free flowing an estimated time of the interviews cannot be given, as these will vary greatly.

I will also be observing the operations at both Womenâ•Žs Dignity and CHAWANA which, as discussed in question 8, this research is being conducted through. With Womenâ•Žs Dignity this will involve spending time in their offices, while observing CHAWANA will involve attending group meetings, and spending time in the collective space. A field diary will be maintained documenting these events, as well as my own experiences and thoughts â•fi maintaining a filed diary is a common technique within Geographical researc particularly of this sort. This will be made clear to both groups from the outset, who will be fully aware that I am a researcher.

Interviews will also be conducted with policy makers, ministers of the government, NGOs. Interviews with this selection of actors may take place in English, and similar to those with community members will be recorded if permission is granted, with notes also taken at the time. This is not the main aim of the research, and it is anticipated around 30 interviews of this nature will take place.

4. DESCRIBE HOW THE PROCEDURES AFFECT THE PARTICIPANTS

This research has no physical affect on individuals taking part as it is entirely interview based. With a subject such as health, there may be some sort of emotional responses by individuals; however, from previous first hand research experience such responses have been minimal and individuals have shown an eagerness to have their story be heard and their experience borne witness too. Nonetheless, the researcher is acutely aware of the possible emotional side effects that a topic such as health may cause and is sensitive to these. Throughout interviews, non-verbal responses to questions will be monitored and should participants begin to show any sign of emotional distress the interview will be terminated. It is important to reiterate, that individuals own experiences of illnesses constitutes one part the research topic, and hence one section of the interview.

5. STATE WHAT IN YOUR OPINION ARE THE ETHICAL ISSUES INVOLVED IN THE PROPOSAL (SEE BPS ALL SECTIONS)

As with all research involving human subjects, this research carries with it ethical implications. This research will strictly follow all guidelines; taking place with participants full and informed consent, with anonymity offered, and with the research entirely transparent. The full nature of the research will be explained to participants, who will in no way be coerced into taking part, they will enter into the research voluntarily and they will be repeatedly reminded that they are able to disengage at any point, and need not answer all questions asked. The wishes expressed by all participants will be fully respected. Research in low income counties by researchers from high income countries require considerable ethical considerations, with power cross cutting through all research. All attempts have made to reduce the power gradient between researcher and participants, from conducting the research in spaces and places where participants feel most comfortable, to the decision to employ open ended questions and visual aids allowing respondents the power to control the direction of the interviews. Furthermore, the research is being conducted in a culturally different setting from Scotland which is the home of the researcher, however, the researcher has previous experience conducting research in Tanzania, and during her month long Kiswahili course lived alongside a family. As such she is fully aware, accustomed and entirely respectful of cultural norms, and the dignity of all research participants is of paramount importance. As a Tanzanian national, the translator will also be able to ensure all cultural practices are followed. Furthermore, this research is conducted in conjunction with the Health Equity team at Womenâ•Žs Dignity, a Tanzanian NGO. As a Tanzanian organisation they have significant experience researching sensitive issues, and are keen for this research to take place: guidance has, and will continue to be sought from Womenâ•Žs Dignity. As well as being designed in discussion with Womenâ•Žs Dignity, the research will gain research clearance from University of Dodoma and COSTECH the Tanzanian national research council. ████████████████████████████████████ is an in-house supervisor on this project and has written a formal letter declaring his full support for the project to the Government of Tanzania encouraging COSTECH to provide a research permit.

6. SPECIFY THE NATURE OF THE PARTICIPANTS. INDICATE IF THE RESEARCH INVOLVES CHILDREN OR THOSE WITH MENTAL DISABILITIES OR HANDICAP (SEE BPS ´§3) IF SO, EXPLAIN THE STEPS TAKEN TO OBTAIN PERMISSION FROM L.E.A.S, HEADTEACHERS, PARENTS, ETC... GIVE A BRIEF DESCRIPTION HERE AND FILL IN THE CHILDREN RESEARCH ETHICAL PLAN. THE FORM MUST BE UPLOADED TOGETHER WITH THE CONSENT AND INFORMATION FORMS.

Using the ESRC framework, the participants are not classed as â•Ÿvulnerable groupsâ•Ž that is, they have no mental disability and will be adults capable of providing fully informed consent. The research will not be interviewing children. As stated previously, this research is being conducted outside of the U.K., and as such some participants will be economically poor, by both U.K. and Tanzanian standards. While their economic poverty leaves these individuals vulnerable in many respects, it does not impair their cognitive reasoning and they will be fully capable of understanding the nature of the research and are therefore able to provide full and informed consent. As stated in question 7, no payment will be made, so this will not be an insensitive for people to take part who would under different circumstances choose not to be involved. Although this project asked participants to discuss issues surrounding health, participants will not be asked to discuss their sexual or mental health, and will not be asked to discuss or declare their HIV status.

7. STATE IF PAYMENT WILL BE MADE TO SUBJECT

Payment will not be made, however any costs incurred by the participants will be reimbursed and small â•Ÿgiftsâ•Ž such as soft drinks or fruit may be provided when research interviews are conducted outside in the heat. The nature of these â•Ÿgiftsâ•Ž would only to ensure participants comfort during the process and not act as an incentive to participate in any way.

8. DESCRIBE THE PROCEDURES FOR ADVERTISING, FOR RECRUITING PARTICIPANTS, AND FOR OBTAINING CONSENT FROM PARTICIPANTS (SEE BPS ´§3)

The research concerning bima ya afya or the community health insurance groups and their volunteers will be conducted through CHAWANA. CHAWANA is a group of informal coconut vendors working in the Ilala District of Dar es Salaam, who collectively organised in 1979 and established a not-for-profit insurance scheme run by, and for, CHAWANA members and their families. I am known by many members of the group, having worked with CHAWANA on a previous research trip and I remain in SMS contact with ▮▮▮▮▮▮▮▮▮▮ group who is supportive of the research, and eager to have the activities and difficulties of the group documented in this way. He has also discussed this research with the group more widely who collectively have also expressed their support for this proposed research. The group are already aware of my planned trip, and an information poster detailing the research will be provided to the group before my arrival which can be displayed in their collective space, a space where all vendors enter to pay their daily contribution to the scheme. The posters will, of course, not be the only information provided, but rather serve as a broad introduction to the research and allow further discussion among the group giving individuals adequate time to consider their participation in the research. The poster will therefore act as an additional supplement to the information provided on a one-to-one basis when obtaining informed consent from individuals before any interviews.

The majority of the other research will be conducted through Womenâ•Žs Dignity, a trusted Tanzanian NGO who work closely with communities to support citizens attain their human right to health. Thus, I will be working with communities that Womenâ•Žs Dignity have previously links with, and will not be entering â•Ÿcoldâ•Ž and entirely unknown. All procedures will be followed to ensure the research is in line with Womenâ•Žs Dignity policy and the ethical standards outline in the ESRC framework. Likewise, posters will also be

made available to be displayed in central locations of communities detailing the nature and purpose of the research.

Although this project is affiliated with groups, each individual participant will be invited to take part and opt-in to the project. There will be no assumption that because they are a member of the group they have given consent for the research. Each individual will have the nature of the research explained to them orally. From previous research experience in Tanzania, this â•Ÿrecruitmentâ•Ž technique works well, and is culturally sensitive to the more informal way of life of communities.

As this research is conducted in Tanzania, where literacy rates are considerably lower than in the U.K., information will be given (in Kiswahili) to ensure literacy levels are not a factor in participantsâ•Ž inclusion. Information will be given orally on all cases, even when participants can read and write, so as to not raise this sensitive issue with participants at the outset. Individuals will be asked to sign, or make some mark on consent form, however, in some circumstances and amongst certain groups the formality of paperwork may cause undue alarm and will be culturally insensitive. In such cases, consent will be obtained orally. Obtaining oral consent will be no less rigorous a process than obtaining written consent. From the experience of the project supervisor Prof Mike Turner, oral consent is the norm for research in this context.

As stated previously, this research is interdisciplinary and conducted under the supervision of Prof. Jo Sharp of the School of Geographical and Earth Sciences, who has extensive experience working on the African continent, dealing with culturally sensitive issues around gender and more recently health related topics; Dr. Heather Ferguson from the Biomedical Research Centre who has lived and worked in Tanzania for many years conducting research into malaria and well accustomed to the most rigorous of ethical considerations within this setting; parasitologist Professor Mike Turner also of the Biomedical Research Centre at the University of Glasgow who similarly has headed up research teams based in India and Kenya; and ▮▮▮▮▮▮▮▮▮▮ the University of Dodoma, who has written a formal letter of support for this research to the Government of Tanzanian Research Council COSTECH. The entirety of this project has been designed under their supervision, and through discussion with Tanzanian based Womenâ•Žs Dignity and CHAWANA, it has drawn extensively from their collective knowledge of practical and ethical issues of fieldwork in this setting - knowledge which spans many issues and forms of research.

9. STATE WHETHER THE PROPOSAL IS IN ACCORD WITH THE BPS CODE OF CONDUCT OR THE ESRC FRAMEWORK OF RESEARCH ETHICS

Yes, having made myself familiar with the ESRC framework I am confident this research is in full accord with it. As previously stated, it has drawn from the experience of supervisors from various research background, and therefore is in line with numerous ethical frameworks and code of conduct. Additionally, the proposal is in accord to the Government of Tanzania Code of Conduct for Research, and the University of Dodoma Framework for Ethics and Code of Conduct, and will operate in line with the professional ethical framework of Womenâ•Žs Dignity.

10. DESCRIBE HOW THE PARTICIPANTS' ANONYMITY AND CONFIDENTIALITY WILL BE MAINTAINED
(SEE BPS ´§7)

Participants will be assigned a pseudonym from the outset and referred to this all notes and in print

thereafter. Great care will be taken over all information kept, audio or written, by keeping them in locked drawers and password protected computers.

11. DATE ON WHICH PROJECT IS EXPECTED TO BEGIN AND END

Approx. 30th January 2012 â•fi 15th June 201

12. LOCATION AT WHICH THE PROJECT WILL BE CARRIED OUT

Tanzania, East Africa (principally within and surrounding the economic capital Dar es Salaam and Capital Dodoma)

13. DESCRIBE HOW PARTICIPANTS WILL BE DEBRIEFED AT THE END OF THE EXPERIMENT (THIS MUST INCLUDE THE OPPORTUNITY TO CONTACT THE EXPERIMENTER - OR SUPERVISOR - FOR FEEDBACK ON THE GENERAL OUTCOME OF THE EXPERIMENT) (SEE BPS ´§5 & ´§10)

All participants will be provided with an email address and mobile number of the researcher, in the case that, upon reflection they no longer wish to be included in the research. SMS messages have become important means of communication within Tanzania amongst all sectors of society and socio-economic quartiles. As such most participantsâ•Ž will own, or know somebody who owns, a mobile phone, meaning SMS is the most effective means of gaining communication should any questions or issues arise. Furthermore, as this research is affiliated with bounded groups, I will be having repeated visits to the same space and so will be around to speak with individuals and maintain contact after one-to-one interviews.

Furthermore, research outcomes will be written up formally for a Womenâ•Žs Dignity publication, as well as speaking with those in the organisation, as such the outcomes of this research will feed into the future work of Womenâ•Žs Dignity. I will also offer an accessible report to CHAWANA, and if possible, hold an open meeting at the end of the research with the group (who regularly hold meetings) to feed back orally to the group as a collective

The following information will be translated into Kiswahili and read to all participants

This is a research student from the University of Glasgow, in Scotland, called ▉▉▉ who is here in Tanzania as part of her post graduate studies. She is studying individuals' experiences of common household diseases (you will not be asked to discuss AIDS) and *bima ya afya.* She is interested in speaking to you, to hear your own understandings of these diseases and your experience of them, as well as your thoughts on *bima ya afya* schemes. She is also interested as to whether you feel officials listen to you and your needs, and whether enough assistance is given to you on matters relating to your health, and your thoughts on health as a human right. She is happy to answer any questions or give you more information before you agree to take part.

If you choose to take part in this research, you do not have to answer all questions asked, and are free to ask any questions or raise any concerns you may have at any point. You can also stop the interview at any point. If you decide during the interview that you do not want to continue, then the interview will stop and your previous answers will be destroyed, and it will be as if you have never taken part.

Your responses will be kept safe, and you will be referred to by a made up name so that nobody will be able to trace answers back to you.

If you agree, ▉▉▉ may record the interview, this is so that she can listen to the interview at a later stage and remind herself of what was discussed and accurately represent what was said.

This research is for her university studies, and your interview may be used when she writes or talks about her research, and she may publish some of her writing. If she does, this will be read mainly by other academics at different universities and you will never be named.

At the end of the interview you will be given an email address and mobile phone number, should you decide later that you do not want to take part in the research you can contact ▉▉▉ by email or SMS and your answers will be destroyed.

Any Questions?

I, the undersigned, understand the nature of this research, have raised any questions I have, and I am fully aware I can withdraw from the research at any point

_____   **Date_____**

I, the undersigned, agree for the interview to be recorded

_____   **Date_____**

The following information may be translated into Kiswahili, or read out in English, officials, minsters, or those who hold a formal position

This is a researcher ▮▮▮▮▮▮▮ from the University of Glasgow, Scotland, officially affiliated with the University of Dodoma here in Tanzania. She in Tanzania researching common household illnesses, as part of her doctorial studies. She is eager to speak with you, because of your official capacity, to discuss issues government health policies, and individuals' participation in the health. Please feel free to ask questions before deciding whether to take part in the research or not.

If you choose to take part in this research, you do not have to answer all questions asked, and are free to ask any questions or raise any concerns you may have at any point during the discussion. You can also stop the research at any point. If you choose not to continue your previous answers will be destroyed, and it will be as if you have never taken part.

The research is for her doctorial thesis, and may be used as part of academic publications or presentations related to it, as such you can choose as to whether to answer the questions anonymously so that interview responses cannot be attributed to you, or to answer these in your official capacity where you would be named. The decision would be entirely yours.

If you agree, ▮▮▮▮▮ may record the interview, this is so that she can listen to the interview at a later stage and remind her of what was discussed, if you do not wish to have the interview recorded you are free to state that and your wishes will be respected.

At the end of the interview you will be given and email address and mobile phone number, should you decide later that you do not want to take part in the research you can contact ▮▮▮▮▮ by email or SMS and your answers will be destroyed.

If you require further information, or have any issues or complaints with the research procedure please contact either:

▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ or her principle supervisor Prof Jo Sharp <u>Jo.Sharp@glasgow.ac.uk</u>

I, the undersigned, understand the nature of this research, have raised any questions I have, and I am fully aware I can withdraw from the research at any point

_____ Date_____

I, the undersigned, agree for the interview to be recorded

_____ Date_____