

Introduction to Human Computer Interaction
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Department of Computer Science and Engineering
Indian Institute of Technology, Madras

Lecture – 08
Institutional Review Board, Ethics committee, IRB documents / application, consent form

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IRB approvals / Human subjects

- <https://phrp.nihtraining.com/users/login.php>
- Flier
- Proposal
- Application
- Consent form

Welcome back to week 3 for the course introduction to human computer interaction. What I am going to do now is to walk you through some of the documents and some of the information that you will have to prepare for actually doing user studies. So, there is a huge set of requirements or needs now which is coming up if you were to do any human subjects study where you are collecting data from end users, where you are collecting users to do use the systems it has become necessary for doing this IRB approval.

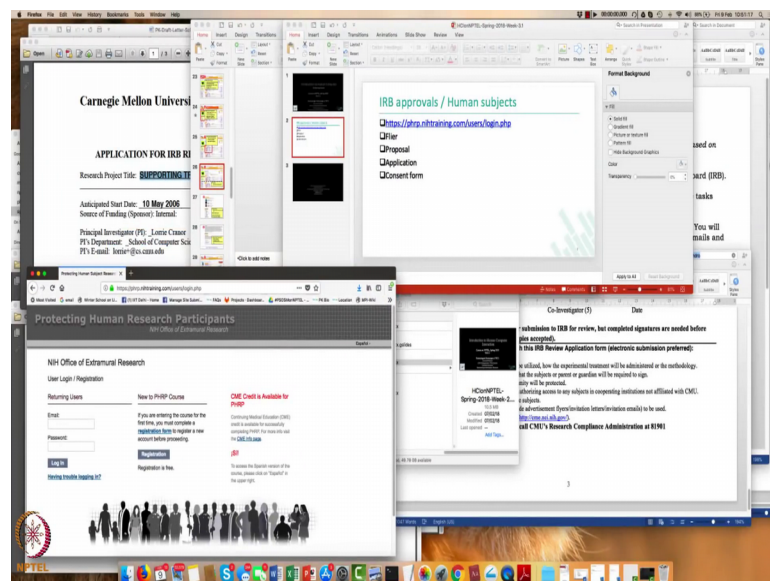
IRB stands for Institutional Review Board, but I think in India there is Ethics Committee, there is Ethics Review Committee, there are many different forms of the same entity called IRB. And the main purpose of this IRB is to actually look at the information that you are presenting to them about what study you want to do, what information you want to collect, how will you collect the information, who will be their end users all of that information.

What I am going to do now is I am going to first walk you through all the necessary information that you need to create the IRB application. And I will also show you a sample concern form, which you can probably use for the studies that you will end up doing. And remember this is not only necessary for academics or researchers, this is important for industry too, because if anything goes wrong, it will be necessary for somebody to protect you as the administrator of the study and the participant of the study. So, it is better to have some level of approvals for doing the human subjects study, users study, data collection from users all of that.

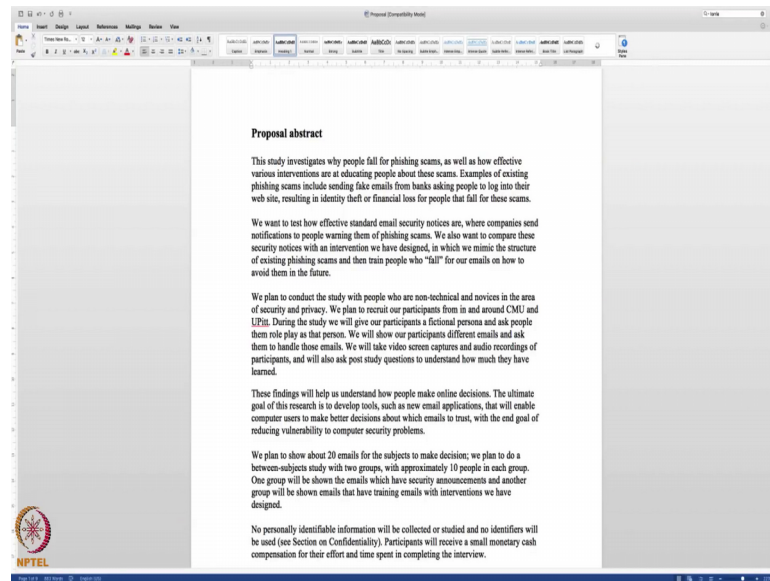
So, I have listed here five different topics. The first one is small training program that you should undergo to get the information about how to do these human subjects. It is a very short content you go through. And if you finish the content, they will ask you some questions; and if you answer it, the questions are also very very subjective. So, depending on your answer at the end of it they will give you a certificate which you will have to actually attach it when you are doing this IRB approval.

And whatever I am going to show you I did it personally myself during my grad school and these are the applications, these are the proposal application consent form fliers and the certificate that I had during my grad school. So, it will give you a real world application with real information on how you can actually write the IRB application and get it approved.

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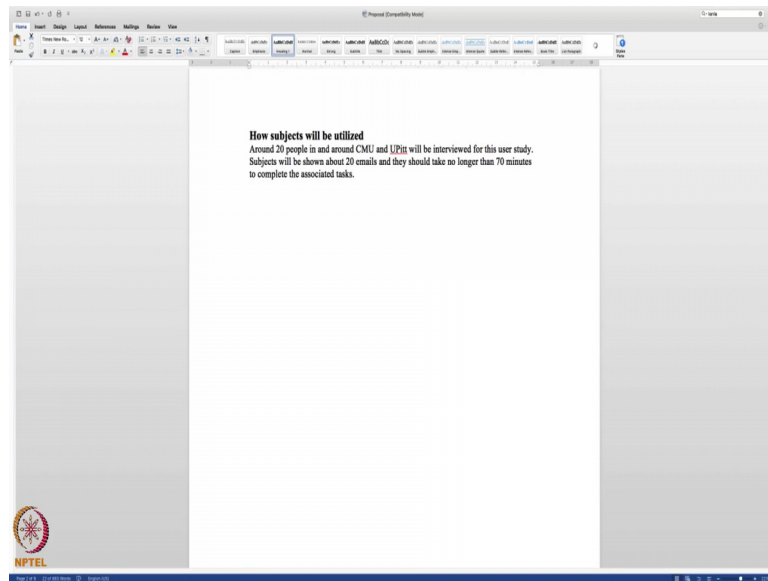


Now, let me walk you through the proposal which you have to prepare for getting the IRB approval. Again this is only an indicator this is not the only kind of document only a kind of proposal that you can write. This is the kind of proposal that I have written. So, I am just sharing with you how a proposal for IRB approval IRB approval is done. Essentially as I said what is the main goal for the IRB committee is to check whether this is the only way to collect data, and how are you collecting the data, who are the participants what kind of data is being collected.

So, in the proposal first you basically describe summary of the study so to say the study investigates why people fall for phishing scams that is my kind of work. We describe how we are going do what, what is this study all about right we want to test how effective standard email security notices are. We plan to conduct the study with people who are non-technical and novice in the area of security.

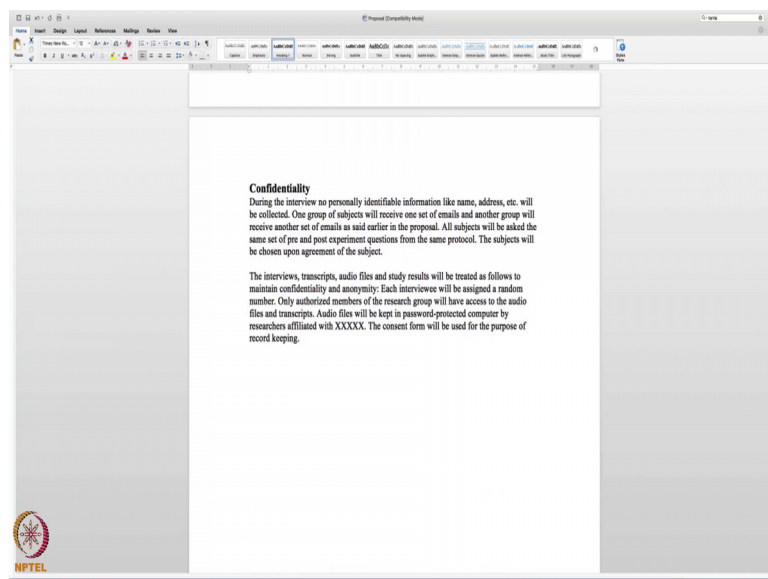
When these findings will help us understand how to make how people make online decisions we plan to show about any emails for subjects to make decisions you know personal information will be collected during this time. So, that is the kind of meaning I will I will make this document also publicly available for in inside the course mailing list, but the point I want to get across with showing the proposal is at least the first part is talking about a summary of the study, what is the study all about.

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So, then how subject will be utilized how many what kind of subjects are you planning to get. So, around 20 people in and around CMU and University Pittsburgh will be interviewed for the study subjects will be shown about 20 emails and they should take no longer than 70 minutes right. So, that is the kind of information that you are giving to the in the proposal.

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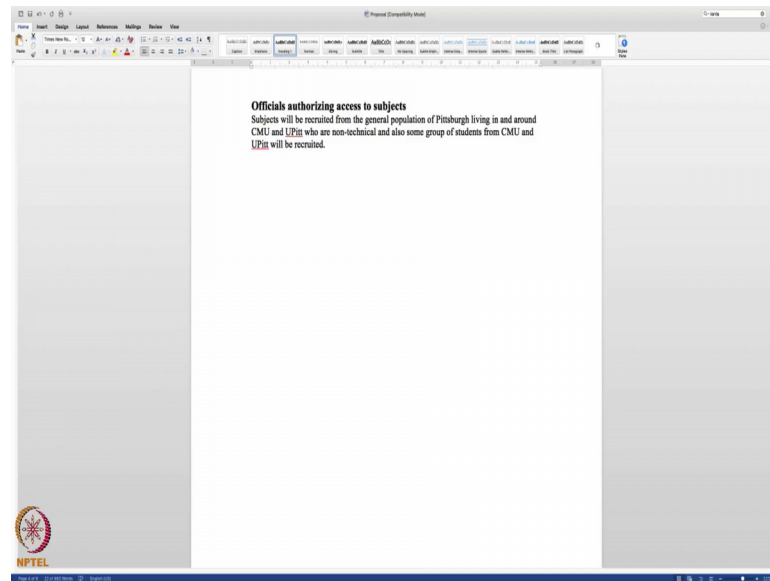
Here are some important pieces of information which is that how are you going to protect the confidentiality of the information that you collected. And I think it briefly

also mentioned in the last lecture that I would recommend when you are collecting data about the users to keep the username which is (Refer Time: 07:59) grow in this case away from the data that you are collecting. So, that there is some kind of a random number or some number that you have alphanumeric digits that you have which is reference to me and not necessarily my own name.

During the interview no personally identifiable information like name, address etcetera will be collected, one group of subjects will receive one set of emails and the other group. So, this I think we will I will cover this later which is a concept called how do you design a study which is within a design and between design studies will actually cover this later. But all subjects will be asked the same set of pre and post experimental questions from the same protocol.

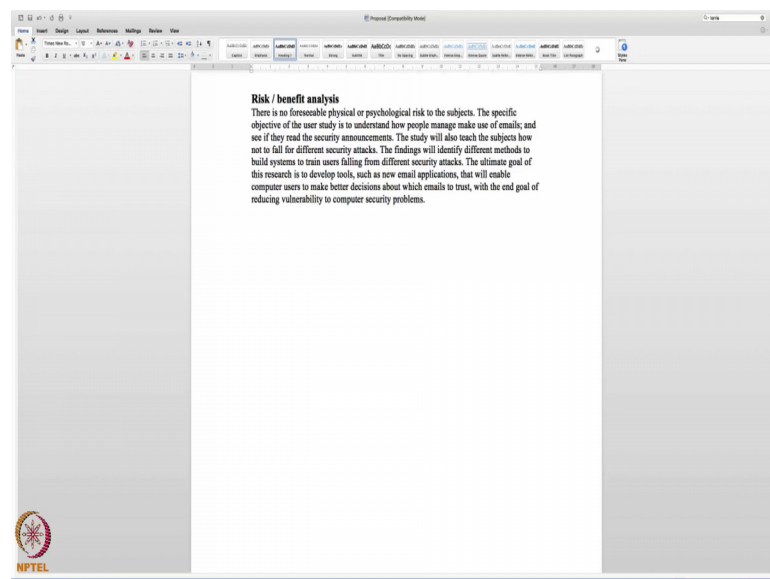
So, some new terms are coming in I will just briefly tell you what they are right. As a pre and post experiment which is before actually study actual experiment, you are going to ask them some questions; and the ex when the experiment is done you are going to ask them some questions that is the pre and the post. And the same protocol the word protocol is referred to basically about the question or questions that you are asking the participants. The subjects will be chosen upon agreement of the subject, the interviews transcript audio files and study results will be treated as follows to maintain confidentiality only authorized members of the research group are basically protecting the data. So, hopefully you get the point that.

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The information is not the data that you collected is not accessible to anybody and everyone. Subjects will be officials authorizing access to subjects, subjects will be recruited from general population of Pittsburgh living in and around CMU and University of Pittsburgh or non technical and also some group of students from CMU and it will be recruited.

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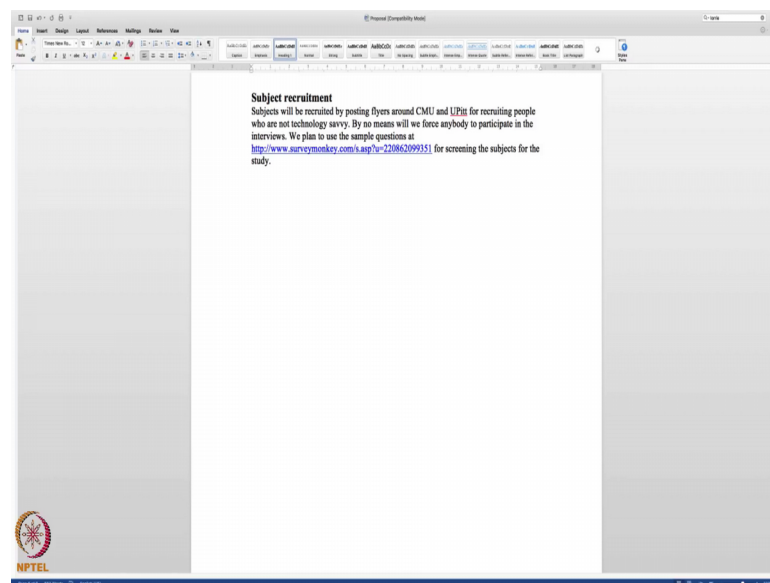


So, then we describe what kind of risks are for these kind of studies and particularly there are meaning when I show you the application, you will actually see that the three

kinds of broadly three kinds of studies where the one does minimal risk, medium risk, and very high risk. Majority of the studies that we do in this kind of thing in this kind of topic like security and computer science is going to be mostly minimal risk. There is no foreseeable physical or psychological risk to the subjects. the specific objective of the user study is to understand how people manage make use of emails and see if they read the security announcements so right so that is the goal of benefit for doing the study.

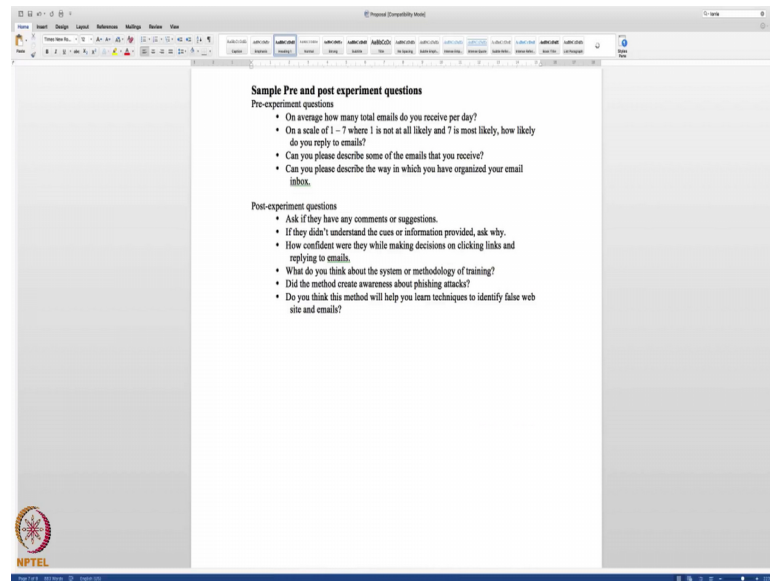
The study will also teach the subject are not to fall for different security attacks. The findings will identify methods to build systems to train users falling from different security attacks. The ultimate goal of this research is to develop tools such as new email applications right, so that is the kind of explanation that you are giving what the benefits are.

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Subject recruiting subjects will be recruited by posting flyers around CMU and University of Pittsburgh for recruiting people who are not technology savvy. So, the point that I showed you first the flier is this right when I mean flier here is the flyer that I showed you earlier with stubs and way to contact to be part of the study. And we plan to use the sample questions given here for screening the subjects for the study I will show you the survey questions in few minutes, but that is the information that we are presenting in the subject recruitment category.

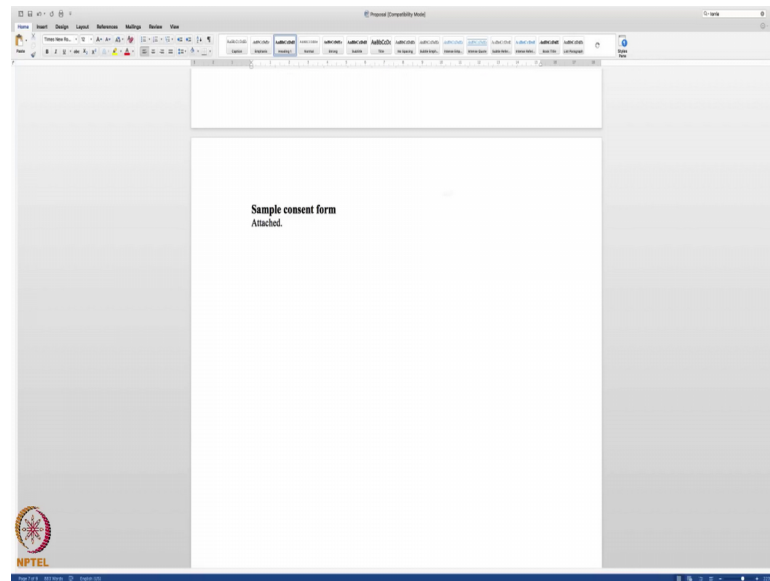
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So, here is the sample for pre and post experiment questions. There are many types of questions that you can ask in the pre and the post. One of the reasons why you definitely want to have a free experiment questions is to actually recruit people or design people who will participants who will participate in your study. This you could just use this as a screening questions, where you can say that I need participants who are this category which is male, age 20 to 25, studying engineering in engineering colleges, and doing this sort of thing or have this type of experience. On average how many total emails do you receive per day right these are the questions that I asked in my pre-questions.

And post questions is asked if they have any comments or suggestions if they did not understand the cues or information provided. So, basically one of the other thing that you will see later in the lectures also is this idea of debriefing. Debriefing is super important while doing the user studies. We will get into details of a debriefing error, but for now these are the kinds of questions or comments that you can make during the debriefing that we are doing.

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Sample concern form, so we will come back to the sample consent form again so, what are the things that we will come back, we will come back to the server question or concern form. Human subject's clearance requests the one I just now showed you which is a set you have to go through the NIH training have the certificate and basically you put that certificate with the application, so that that gives you a sense of what the IRB application is. In general, I think having these kind of applications these kind of proposals written is very very sound because I think the ethics committee be IRB committee gets a very good insight on what the study is going to be, what kind of data you are going to collect, so they can actually make a judgment.

So, that is the main reason about why these kind of proposals applications processes being created is because there have been in the past studies that have been done where data has been collected and it has a hide effect on the users and negative effects on the users also. So, that is one of the reasons why such kind of processes and such kind of requirements have been imposed. Now, that when you do human subjects study you are supposed to be collecting such kind of you are supposed to be having these kind of proposals written consent form which actually describes what the study is. I will show you that consent form again, so that describes what the proposal is. I will show you later about the consent form, survey questionnaire application that we likes to develop for writing the proposal package.

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Carnegie Mellon University

For CMU's IRB Office Use:
Date Received: _____
CMU Assigned IRB No. _____
IRB Review Type: _____

APPLICATION FOR IRB REVIEW OF RESEARCH INVOLVING HUMAN SUBJECTS

Research Project Title: SUPPORTING TRUST DECISIONS - TRAINING MODULE

Anticipated Start Date: 10 May 2006 Anticipated End Date: 31 December 2006
Source of Funding (Sponsor): Internal: _____ External: YYYYYY

Principal Investigator (PI): XXXXXXX PI Title/Degree: PhD
PI's Department: School of Computer Science PI's Phone: 8-7534
PI's E-mail: KKKKKKKKK PI's Building & Room No: CIC 2207

If student, please complete:
Faculty Advisor: _____ Department: _____
Phone: _____ Building/Room #: _____ E-mail: _____

CMU's Co-Investigators: (3) _____
(1) _____ (4) Mr. Ponurangam Kumaraguru (ISRI, SCS) _____
(2) _____ (5) _____

Concise Statement of Proposed Research with Details of Human Use Aspect

Now that we have seen the, IRB proposal document let me walk you through the IRB application form. Why is this application important as I said before the application is important because it describes the kind of data that you want to collect describes, how you plan to use the data and describes the kind of way that you will actually use this data for doing the analysis. But this is an application that I use during my data collection, so I am just walking you through the exact up application that I actually used. So, initially it is all more administrative purposes starting date end date, who is the investigator rule have access to the data.

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CMU's Co-Investigators: (3) _____
(1) _____ (4) Mr. Ponurangam Kumaraguru (ISRI, SCS) _____
(2) _____ (5) _____

Concise Statement of Proposed Research with Details of Human Use Aspect

Describe within the space below, in layman's terms, what is to be done so that a realistic estimate of the risks to the subject and the benefits of the project can be assessed.

The inclusion of females and members of minority groups and their sub-populations must be addressed in the development of the research design appropriate to the scientific objectives of the study. The research plan should describe the composition of the proposed study population in terms of gender and racial/ethnic group. Provide a rationale for selection of such subjects. Your proposal should contain a description of the proposed outreach programs for recruiting females and minorities as participants.

This study investigates why people fall for phishing scams, as well as how effective various interventions are at educating people about these scams. Examples of existing phishing scams include sending fake emails from banks asking people to log into their web site, resulting in identity theft or financial loss for people that fall for these scams.

We want to test how effective standard email security notices are, where companies send notifications to people warning them of phishing scams. We also want to compare these security notices with an intervention we have designed, in which we mimic the structure of existing phishing scams and then train people who "fall" for our emails on how to avoid them in the future.

We plan to conduct the study with people who are non-technical and novices in the area of security and privacy. We plan to recruit our participants from in and around CMU and UPitt. During the study we will give our participants a fictional persona and ask people them role about that person. We will show our participants different emails and ask

If you see this is the summary of the study that we will plan to do it is probably the same as the first few paragraphs that we had in the proposal.. So, here it says this, this study investigates why people fall for phishing scam as well as how effective where these interventions are at educating people about these scams. We want to test how effective standard email security notices are where companies send notifications to people, warn warning them of phishing scams. So, essentially it is building on the phishing study that I was doing. We plan to conduct the study with people who are non technical or novices in the area of security and privacy, so that is the kind of subjects. Again this is just a summary.

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The screenshot shows a Microsoft Word document titled "CMU IRB REVIEW APPLICATION" in Compatibility Mode. The document contains the following text:

CMU IRB REVIEW APPLICATION

1. Regarding the human subjects involved in the proposed study:

(a) What is the age range of the subjects? **18 - 60 general users - no minors**

(b) How many subjects are needed for this study? **Around 20**

(c) Of the subjects studied, what will be the ratio of males to females? **Approximately 50% males to 50% females**

(d) Of the subjects studied, what percentage will be from minority groups? **Dependent on availability of people**

(e) Are the subjects capable of understanding the nature of the study and the consenting process? YES [X] NO []

(f) What is the population source of the subjects to be studied? **Any general computer user in and around CMU and UPhit.**

(g) Indicate how subject recruitment will be performed: (Check appropriate boxes)

<input type="checkbox"/> CMU directory listing	<input checked="" type="checkbox"/> External advertising (radio, TV, publications, postings)
<input checked="" type="checkbox"/> Existing in Investigator's files	<input type="checkbox"/> List of subjects from previous student recruitment efforts
<input checked="" type="checkbox"/> Email or web-based solicitations	<input type="checkbox"/> Other:

(Please elaborate)

2. Will any of the following classes of vulnerable subjects be involved in the proposed study?

	YES	NO	Comments
Students or Minors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CMU students, but not minors

Substitute with Commencement Medal Status: (1) (V)

Page 1 of 3 | 1027 words | English (US) | 100%

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1. Regarding the human subjects involved in the proposed study:

(a) What is the age range of the subjects? **18 - 60 general users - no minors**

(b) How many subjects are needed for this study? **Around 20**

(c) Of the subjects studied, what will be the ratio of males to females? **Approximately 50% males to 50% females**

(d) Of the subjects studied, what percentage will be from minority groups? **Dependent on availability of people**

(e) Are the subjects capable of understanding the nature of the study and the consenting process? **YES [X] NO []**

(f) What is the population source of the subjects to be studied? **Any general computer user in and around CMU and UPitt.**

(g) Indicate how subject recruitment will be performed: (Check appropriate boxes)

<input type="checkbox"/> CMU directory listing	<input checked="" type="checkbox"/> External advertising (radio, TV, publications, postings)
<input checked="" type="checkbox"/> Existing in investigator's files	<input type="checkbox"/> List of subjects from previous student recruitment efforts
<input checked="" type="checkbox"/> Email or web-based solicitations	<input type="checkbox"/> Other: _____

(Please elaborate)

2. Will any of the following classes of vulnerable subjects be involved in the proposed study?

	YES	NO	Comments
minors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CMU students, but not
Subjects with Compromised Mental Status	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hospitalized or Institutionalized Subjects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Here are some important things that you want to actually keep in mind while applying or while actually creating these kind of forms in your own institutes or wherever you want to apply this kind of information. What is the age range of the subjects? So, I generally you want to actually mention that what is the age group that you want to collect the data from. How many subjects of the subject studied, what will be the ratio of male and female, one of the thing that the IRB or the ethics committee is looking for is the distribution of the gender data that you are collecting. Usually you want to mention that it is fifty-fifty and it is actually good for your even study that if you have male and female fifty-fifty distribution it is going to be hard. But if you keep it fifty-fifty the kind of conclusions can be more concrete.

Of the subjects study what percentage of them would be minority groups, so all this is basically trying to look at what kind of data you collecting, and what are the sample that you are studying. Are the subjects capable of understanding the nature of study and consenting process, what is the population source of subjects to be studied, indicate how subject recruitment will be performed. So, if you go back I if you remember I showed you about the flier. So, I have it here existing in investigators files email or web base, external advertising to TV publication, postings which is flier.

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(f) What is the population source of the subjects to be studied? **Any general computer user in and around CMU and UPitt.**

(g) Indicate how subject recruitment will be performed: (Check appropriate boxes)

<input type="checkbox"/> CMU directory listing	<input checked="" type="checkbox"/> External advertising (radio, TV, publications, postings)
<input checked="" type="checkbox"/> Existing in Investigator's files	<input type="checkbox"/> List of subjects from previous student recruitment efforts
<input checked="" type="checkbox"/> Email or web-based solicitations	<input type="checkbox"/> Other: (Please elaborate)

2. Will any of the following classes of vulnerable subjects be involved in the proposed study?

	YES	NO	Comments
Students or Minors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CMU students, but not minors
Subjects with Compromised Mental Status	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hospitalized or Institutionalized Subjects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pregnant Women	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fetuses	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Prisoners	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Subjects requiring certificate of confidentiality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

3. If a clinical study, will a placebo or placebo procedure be used in this study? YES NO

And particularly the IRB and ethics empathy is looking for that the subjects that you are going to collect data from are not vulnerable so to say. So, here if you see the categories of questions or the options that is given are students or minor subjects with compromised mental status hospitalized or institutionalized subjects, pregnant women, fetuses, prisoners, subjects requiring certificate of confidentiality.

So, the idea is that if you are going to collect data from these kind of participants, the kind of evaluation for the application will be slightly different. What I what the application that I have is more like a minimal risk study and I was just collecting about emails. So, it probably does not have too many risk attached to it.

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IRBApplication (Compatibility Mode)

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Paragraph Font Styles Paragraph Styles

IRBApplication (Compatibility Mode) Search in Document

minors

Subjects with Compromised Mental Status	<input type="checkbox"/>	[X]
Hospitalized or Institutionalized Subjects	<input type="checkbox"/>	[X]
Pregnant Women	<input type="checkbox"/>	[X]
Fetuses	<input type="checkbox"/>	[X]
Prisoners	<input type="checkbox"/>	[X]
Subjects requiring certificate of confidentiality	<input type="checkbox"/>	[X]
3. If a clinical study, will a placebo or placebo procedure be used in this study?	<input type="checkbox"/>	[X]
4. Will the subjects receive intangible benefit from the study?	<input type="checkbox"/>	[X]
(a) Are the subjects paid (monetarily) for entering the study?	<input checked="" type="checkbox"/>	[]
If yes, what is the amount and source of the funds?	\$ <u>-\$20/person</u>	<u>NSF funding</u>
	Amount	Source
(b) Are other inducements planned to recruit subjects?	<input type="checkbox"/>	[X]
If yes, describe other inducements planned:		

NPTEL

Page 2 of 3 1027 Words English (US)

Just imagine if you were to do a medical study that is if you were to let us take develop a new tablet for some disease. And you want to test it on human beings. You want to give them the medicine see them after a couple of days, take some tests and look at the results and things like that. In that case, the IRB is going to actually look at your application more seriously, and make sure that the kind of data that you are collecting the kind of participants that you are collecting data from are actually protected in somewhere.

Here are the other set of questions if a clinical study will a placebo or placebo procedure be used. Again these are all more details about the kind of subjects. Are the subjects paid for entering the study if s what is the amount or other inducements plan to recruit subjects.

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Comments	YES	NO
5. Is subject's confidentiality/anonymity in the project protected?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are consent forms to be used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are provisions for subject's medical care available in the event of a personal (physical or mental) injury resulting solely from subject's participation in the research?	<input type="checkbox"/>	<input type="checkbox"/> Not applicable
8. Indicate degree of research's physical risk to subject: <input checked="" type="checkbox"/> Minimal <input type="checkbox"/> Greater than Minimal <input type="checkbox"/> High		
9. Indicate degree of research's psychological risk to subject: <input checked="" type="checkbox"/> Minimal <input type="checkbox"/> Greater than Minimal <input type="checkbox"/> High		
Minimal Risk: A risk is minimal where the probability and magnitude of harm or discomfort anticipated in the proposed research are not greater, in and of themselves, than those ordinarily encountered in daily life or during the performance of routine physical or psychological examinations or tests.		
Greater than Minimal Risk: A risk is greater than minimal where the probability and magnitude of harm or discomfort anticipated in the proposed research are greater than those ordinarily encountered in daily life or during the performance of routine physical or psychological examinations or tests.		
High Risk: A risk is high when a moderate-to-high probability of serious adverse effects might occur as a result of participation in a research study.		
10. Do you or any individual who is associated with or responsible for the design, the conduct, or the reporting of this research have an economic or financial interest in or act as an officer or a director for any outside entity whose interests could reasonably appear to be affected by this research project? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		

(*If yes, please provide detailed information to permit the IRB to determine if such involvement should be disclosed to

And, so here is what if you remember I mentioned one thing about the kind of study or the kind of risk that is associated with it. Here it says indicate degree of research physical risk to subject indicate degree of research psychological risk to subject this is one critical piece of information that you want to keep in mind while doing these kind of human subjects studies what is the kind of risk level that you are putting the subjects into which is the subjects are going to have only minimal risks just by looking at emails. Whereas, they may have high risk if they if you are going to give them let us take a tablet, medicine and study something about how it is at what is happening inside the body.

So, this is simple definition of minimal risk. And risk is minimal where the probability and magnitude of harm or discomfort anticipated in the proposed research or not greater in and of themselves then those ordinarily encountered in daily life. Risk is high when a moderate to high probability of serious adverse effects might occur as a result of participation in the research study right. And then it says about different people involved in the study and then the application and step.

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Principal Investigator _____ Date _____ Co-Investigator (1) _____ Date _____

Co-Investigator (2) _____ Date _____ Co-Investigator (3) _____ Date _____

Co-Investigator (4) _____ Date _____ Co-Investigator (5) _____ Date _____

Above signatures may be obtained after submission to IRB for review, but completed signatures are needed before final approval can be granted (faxed copies accepted).

Please submit each of the following with this IRB Review Application form (electronic submission preferred):

1. A draft or an abstract of the proposal.
2. A clear definition of how the subjects will be utilized, how the experimental treatment will be administered or the methodology.
3. A copy of the "informed" consent form(s) that the subjects or parent or guardian will be required to sign.
4. A description of how confidentiality/anonymity will be protected.
5. The name(s) and address(es) of officia(s) authorizing access to any subjects in cooperating institutions not affiliated with CMU.
6. A description of the risks and benefits to the subjects.
7. A copy of any recruitment document (include advertisement flyers/invitation letters/invitation emails) to be used.
8. A copy of your on-line training certificate (<http://cmu.nci.nih.gov/>).

For assistance or answers to questions, call CMU's Research Compliance Administration at 81901

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I really think that in India, when we do study, we should actually start looking at these kind of ethics board, IRB ethics committee to be more serious to make sure that at least there is some kind of sanity check in the kind of data that is being collected. And particularly in computer science particularly where technology is involved, it is probably nice to have these kind of protection. And if you are a researcher, the conferences and journals have started asking this regularly now that you have to present your IRB approval documents to the conference and journal for them to actually accept your paper. I hope that gives you a sense about what an IRB application is.

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Supporting Trust Decisions
Sponsor: National Science Foundation
Principal Investigator: XXXXXXX
Affiliated Interviewers: Mr. Ponnuram Kumaraguru
Neither the funding agencies, nor these researchers will receive any financial benefit based on the study results.

This study has been approved by Carnegie Mellon University's Institutional Review Board (IRB).

Purpose of the study. The researchers want to understand how people manage online tasks effectively.

Interview procedure. You will role play as a person and access that person's emails. You will be asked to think aloud while in the study. In particular we will show you about 20 emails and ask you to react to the emails as you will do in real-world situation.

Compensation. The interview is expected to take maximum of 70 minutes, and we will pay you \$20 for your time and effort.

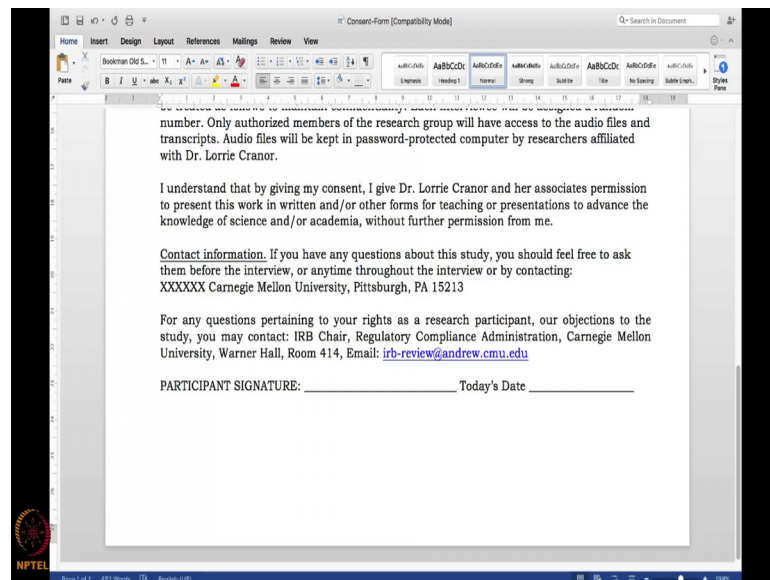
Risks / discomforts / costs. The experience is expected to be inherently interesting and a generally positive experience. There will be no (other) cost to participating other than your time.

Research benefits. The specific objective of the study is to characterize how people think and do while doing online tasks. The findings will identify things that people look for while making decisions. The ultimate goal of this research is to develop tools, such as new email...

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Now, let us look at the last document that I wanted to share in this sequence of documents about IRB approvals. So, this is the consent form. What is the consent form consent form is something when you take part in a study you are basically provided information about the study, how the data will be used. And as a participant in the study you are signing up for saying that I am with participating in the study. This is like end users license agreement right. When you are downloading an app it shows you a bunch of text, and you are agreeing to download the app and use it. It is the same thing. You are agreeing to be part of the study is by signing on this consent form. The way that this consent form will be a presented is that this draft is presented to the IRB, IRB approves the consent form and they actually sign it at the end at the bottom right or bottom left.

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And then you take the photocopy of this particular signed copy of the IRB approval consent form. And you take the signature of the participant in the consent form. So, this does not have to be in the physical form it could be even in the online world, you could put the concern form and then have an agree button when they click on the agree button, it is assumed that the participant is agree into to be part of the study.

Let me tell you what are the important things that you want to actually keep in the consent form. I think consent form is a good idea. Even if you do not have a IRB requirement or an ethics approval requirement, it is always a good idea to have a consent form while you are talking to an user. So, you can actually use the data as you can

actually take a picture of the user, and use the picture in your let us take slides, report, other places and recordings that you do you can probably plate in other places and show it to people, video recording and everything like that. So, it is a good idea to have a consent form signed by the participant.

So, here it says about the project title principal investigator who are involved this study has been approved by so and so purpose of the study. See, if you look at it these lines are basically a condensed version of what is in the proposal an application the researchers want to understand how people manage online tasks. Interview procedure this is what will happen 20 emails will be shown to you, and you have to react to it compensation you will need approximately will take about 70 minutes and will pay it 20 dollars. Risks or discomforts the experience is expected to be inherently interesting and a generally positive experience, there will be no cost to participating other than your time.

Research benefits the specific objective of the study is to characterize how people think and do while doing online tasks. And benefits the findings will identify things that people look for while making decisions the ultimate goal of this research is to develop tools. Again it is a it is a text from the proposal right. By no means should you feel forced to participate in this interview, you can withdraw your consent and stop your participation in the interview now or at any time. Without affecting your relationship with it the university or the organization and without loss of any benefits to which you may otherwise be entitled.

Confidentiality I understand that the interviews transcript audio files and the studied results will be treated as follows same thing from the confidentiality section of the proposal I understand that by giving my consent I give now so and so under associates a permission to present this work in written and or other forms for teaching or presentations to advance the knowledge of science and or academia with it. So, basically this is the reason why you want to get the sign, because it is clearly stating that the data the pictures that you are taking the transcription that you will make from the interviews can actually be used for other reasons.

If you have any questions about the study you should feel free to ask them before the interview bla bla bla and some contact details that right. So, this helps to wrap up this part about IRB application. And I will actually later follow up on why these things are

more important now in terms of doing user studies. With that I will wrap the content for the first part of the week three, where I am just describing about different documents that are needed for IRB approvals basically for doing user studies.