IPRO 306



Enhancing Psychology Research Through Advanced Communications Technology



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Sponsor: IPRO Office

Problem

- Lack of research data assessing validity of recall in depressed people
- Clinicians rely on patient recall and report of affect
- If depressed people report inaccurate or exaggerated affect, treatment and interventions might be inaccurate

Solution

- Use advanced technology to record instantaneous measurements of affect and add to existing data
- Data can be used to evaluate accuracy of retrospective recall in depressed patients and help determine accurate treatment plan

Goals

Plan and establish the materials and methods necessary for the research study, and implement them to achieve significant progress in the study.

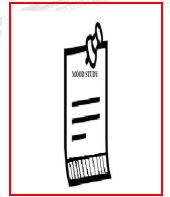
- 1. Organize long-term recruitment plan and recruit
- 2. Prepare PDAs for participant use
- 3. Screen participants
- 4. Train on PDA use & conduct follow-ups
- 5. Collect & organize participant data

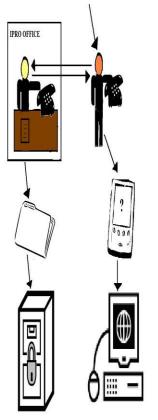
Initial Gantt Chart

ID	0	Task Name	Duration	Start	Finish	Pre	Resource Names	5 T	Aug 27	7,'06 S	S	-	17, '06 VI T	V	Oct 8		F	Oct S	29, '06 S	M	Nov 1		S W	De T	c 10,	S	ec
1		Recruitment	52.88 days	Sat 9/9/06	Mon 10/30/06		Stephanie Walter			V	Ē							7	W	***		-00	- 00	Ė	70		Ē
2	-	Final Recruitment List	5.75 days	Sat 9/9/06	Thu 9/14/06		Stephanie Walter					Step	ohanie V	/alter													
3	1	Permission Script Complete	5.75 days	Sat 9/9/06	Thu 9/14/06		Chris Jones					Chr	is Jones	_		100											
4	III	Permission for posting	3.63 days	VVed 10/18/06	Sat 10/21/06	3	Entire Group										Enti	re Gi	oup								
5	=	Posting	8.13 days	Mon 10/23/06	Mon 10/30/06	4	Entire Group									100		E	ntire G	roup							
6	1	Screening	84.13 days	Sat 9/9/06	Thu 11/30/06		Chris Jones										-	-			-	85					
7	111	Screening Script Deadline	20 days	Sat 9/9/06	Thu 9/28/06		Chris Jones							Chris	Jone	\$	_	1									
8	III	Phone Screening	32.25 days	Mon 10/30/06	Thu 11/30/06	7	Entire Group																Entir	e Gı	oup		
9	=	Interviews/Distribution	34 days	Sat 10/28/06	Thu 11/30/06	13	Entire Group																Entir	e Gı	oup		
10		PDA	18.13 days	Tue 10/10/06	Fri 10/27/06		Chris Jones								~		-							18			
11	1	Confirm delivery/price	0.63 days	Tue 10/10/06	Tue 10/10/06		PDA Crew								₽PI	DA Cre	w										
12	1	Receive PDAs	1 day	Thu 10/12/06	Thu 10/12/06	11	PDA Crew								Y.	PDA CI	ew										
13	==	Configure & test PDAs	10 days	VVed 10/18/06	Fri 10/27/06	12	PDA Crew											PDA	Crew					B		0	
14		Data Management	76.13 days?	Tue 10/17/06	Sun 12/31/06												-	-				-		+		٠,	Month
15	111	Making information sheets	7 days?	Tue 10/17/06	Tue 10/24/06																		134				
16	III	Organize incoming data	31.5 days?	Thu 11/30/06	Sun 12/31/06	9																					
17	=	Call participants	31.5 days?	Wed 11/1/06	Fri 12/1/06																						
18		IPRO Deliverables	85.5 days	Sat 9/9/06	Fri 12/1/06		Entire Group					-					=	-		-	-	=		- 18			
19	111	Project Plan	12.88 days	Sat 9/9/06	Thu 9/21/06		Tina Chiu						Tina C	hiu												-	
20	III	Midterm Report	19.25 days	Sat 9/30/06	Wed 10/18/06		Tina Chiu									Ti	na C	hiu									
21	=	Exhibit/Poster	21 days	Sat 10/21/06	Tue 11/21/06		Chelsea Miller														CI	hels	ea Mil	ller			
22	=	Abstract/Brochure	17 days	Thu 11/2/06	Sun 11/26/06		Chelsea Miller											1				CI	nelsea	a Mil	ller	-	
23	111	Presentation	31.5 days	Sun 10/29/06	Tue 11/28/06		Alice Jacob																Alice .	Jaco	b		
24	THE .	Final Report	20 days	Fri 11/10/06	Wed 11/29/06		Tina Chiu												-				Tina (Chiu	i		
25	III	IPRO Deliverable CD	1 day	Thu 11/30/06	Thu 11/30/06	24	Entire Group																Entir	e Gi	oup		
26		IPRO Day	1 day	Fri 12/1/06	Fri 12/1/06	25	Entire Group	1															Enti	ire G	гоир		

Organize Recruitment Plan and Recruit

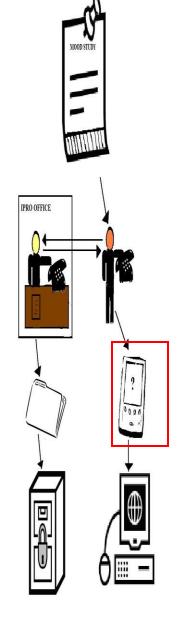
- 1. Generate Ads
- 2. Find Possible Locations
- 3. Create Plan Including Tiers
- 4. Post Ads





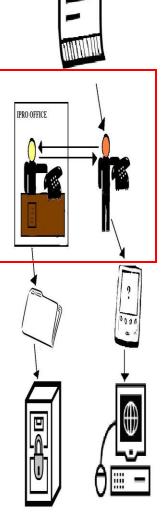
Prepare PDAs for Participant Use

- Select PDA with operating system that supports ESP
- 2. Conduct a pilot study
- 3. Troubleshoot problems
- 4. Train participants to use PDAs



Screen Participants

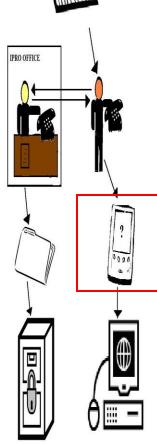
- 1. Generate phone screening script and data sheet for standardization and reliability
- 2. Schedule "Takers" and "Makers"
- 3. Record messages and make phone calls
- 4. Schedule participants
- 5. Administer Beck Depression Inventory (BDI-II) and Eysneck Personality Questionnaire (EPQ)



Train on PDA Use & Conduct Follow-Ups

- 1. Train participants on PDA use once accepted into the study
- 2. Administer an initial survey to begin data collection
- 3. Schedule a return visit
- 4. Call participants after 48 hours to motivate them and check-in

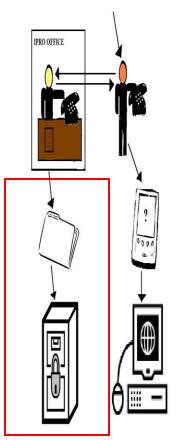




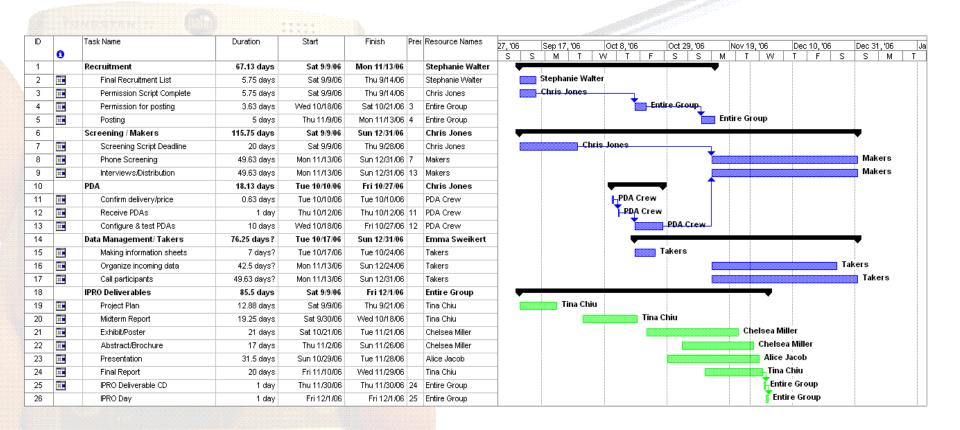
Collect & Organize Participant Data

- 1. Create Pre-prepared Packets
- 2. Add phone screen data sheet in participant folder, upon completion
- 3. Forms completed during first visit added to folder
- 4. Download data from participant PDA, manage in folders on the computer (Including Retrospective Survey)





Revised Gantt Chart



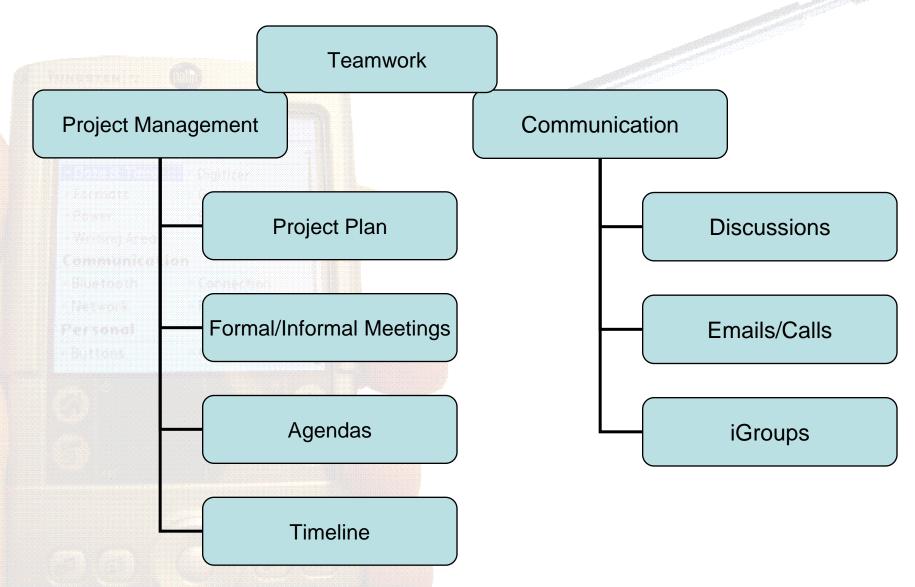
Results

All Goals Were Accomplished

- 1. Recruited many participants
- 2. PDAs fully operational
- √ 3. Successfully screened various participants
- 4. Currently, many participants are doing the study
- ✓ 5. Data collected from some participants

As the study continues next semester, the goals will change to developing a new project plan.

Key Factors to Success



Path Forward

- 1. Recruitment of more participants
- 2. Analysis of data
- 3. Draw conclusions from study

Acknowledgments

- Dr. Michael Young and Dror Ben-Ze'ev
- IPRO Office
 - Tom Jacobius from the IPRO office for his generous contribution of the PDA units

Any Questions?

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