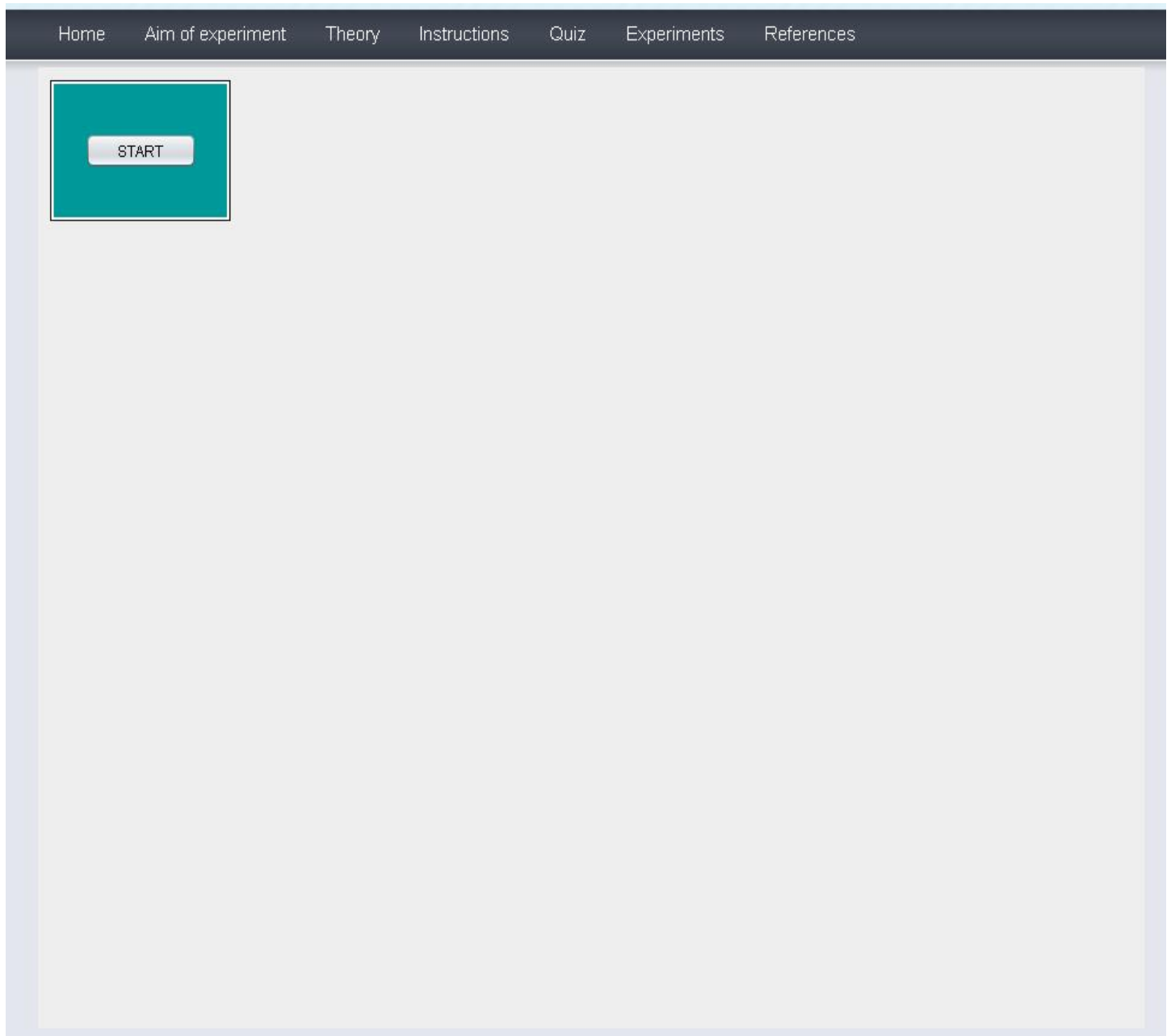# 1 Instructions for Experiment 8:-Hand Off.
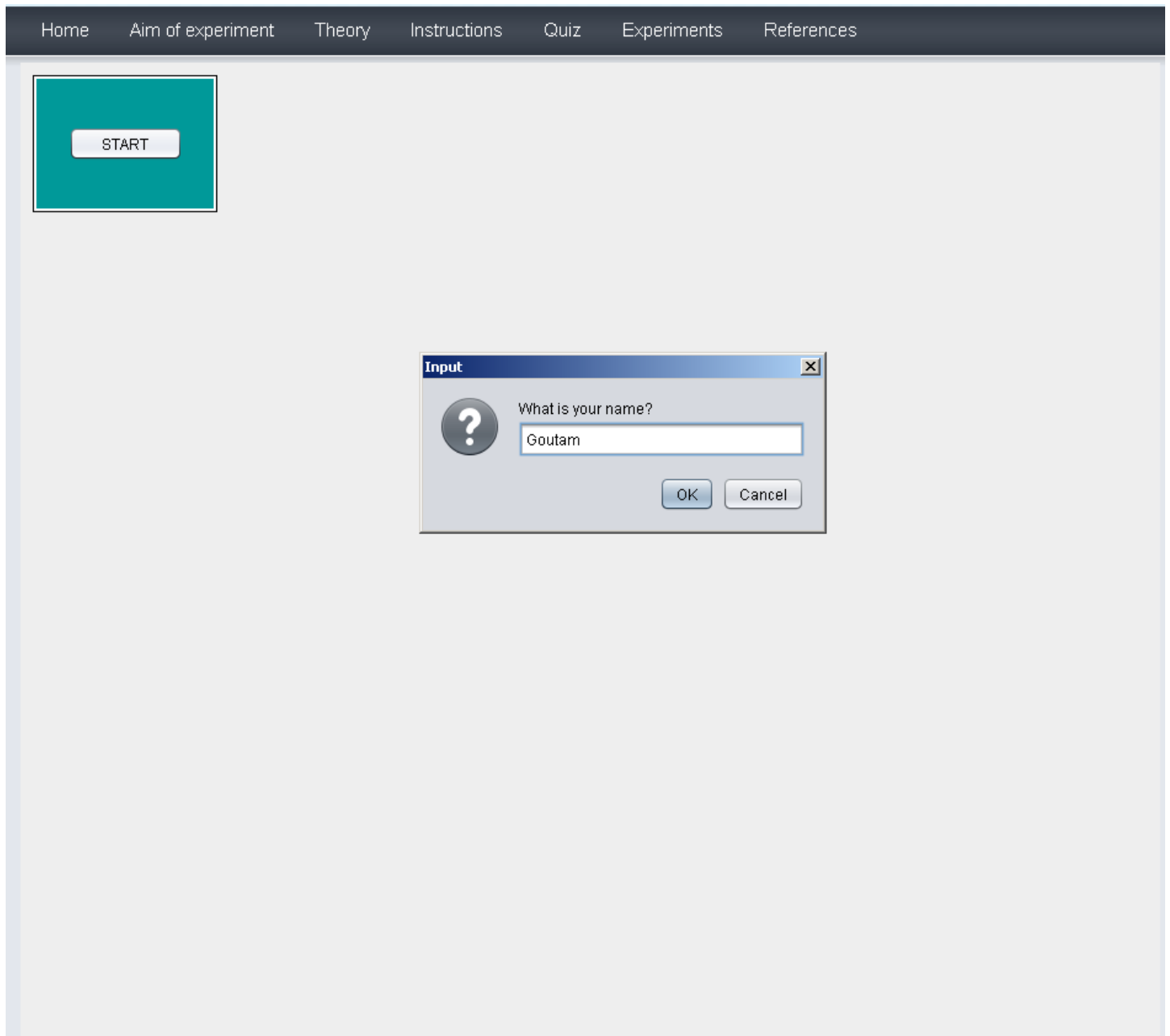
Follow the instructions given below to perform the experiment:-

1.1 Starting Experiment 8 :-

- Step1:- Click on the button START. A page appears with a dialogue box asking for your name.

- Step 2:- Enter your name then Click Ok.

- Step3:- Select the parameters (eg: Reuse ,Environment, Beamwidth,Carrier frequency etc) and enter your observation in the observation box.

- Step4:- Click on The "SUBMIT" button.

- Step5:- Click on The "START" button.

- Step6:- Observed the no.of call drops and no.of Hand Off.

- Step7:- Change the Parameters and observed the call drops and no.of Hand Off.

- Step8:- Click on the "Report" button to generate PDF report of the experiment.
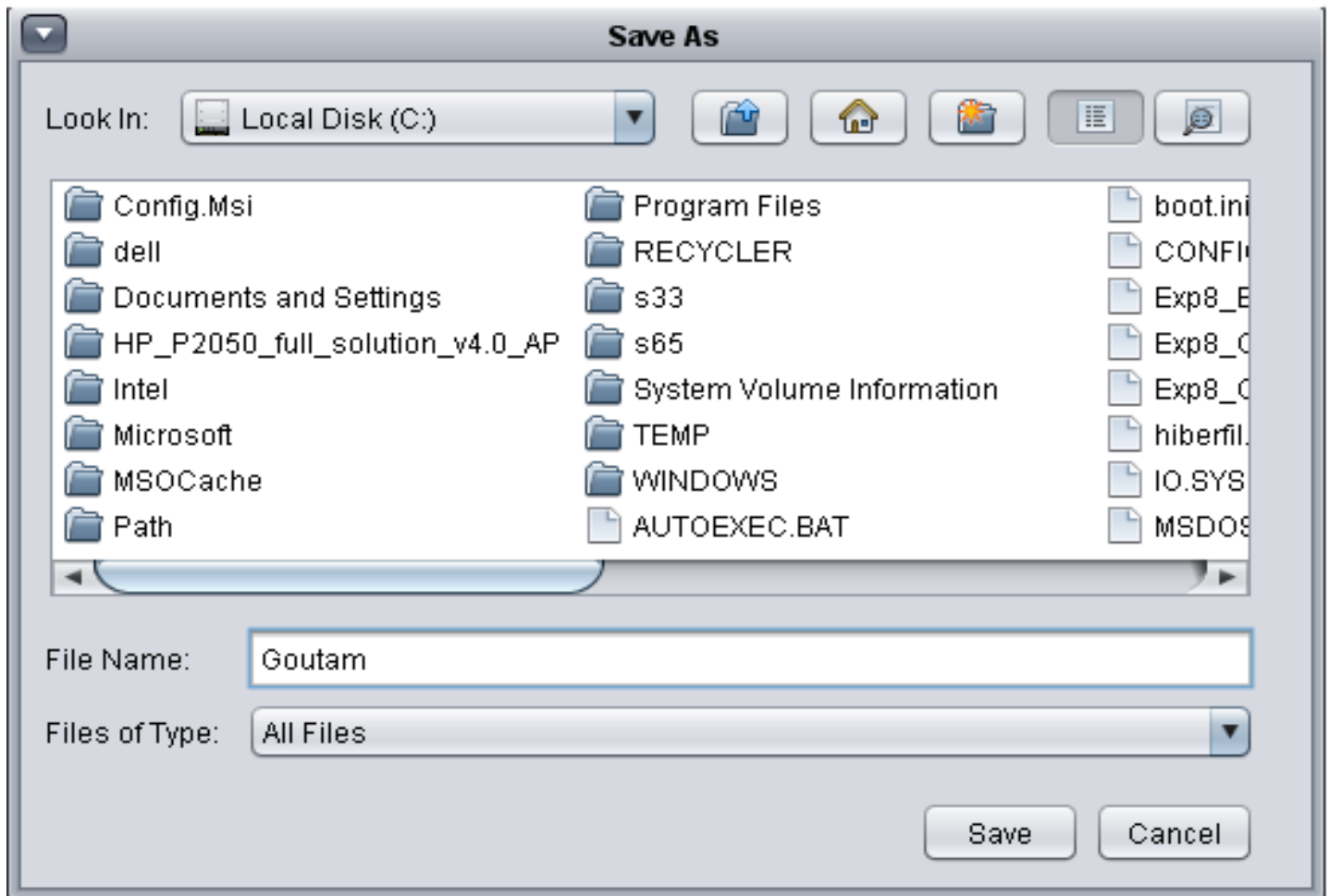
- Step9:-After generation of the Report you will get following message.
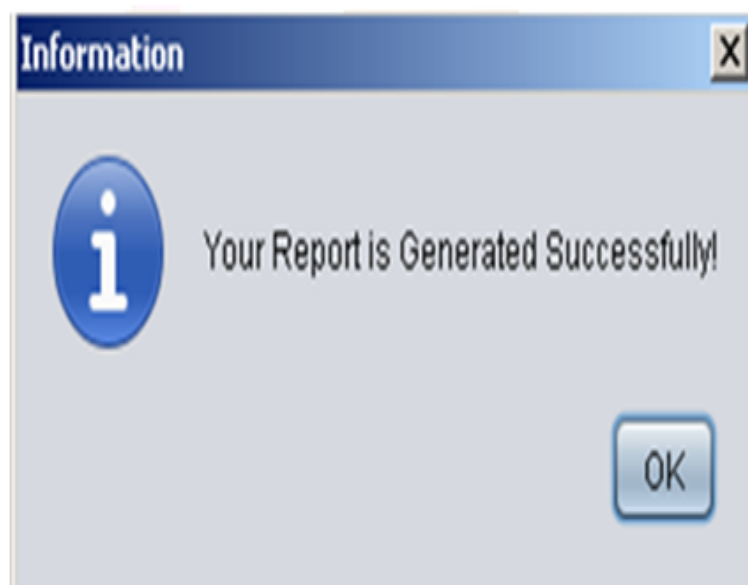
- Step10:- Click on the "Ok" and you will get your Report.

Fading Channels &Mobile Communications

IIT Kharagpur

Date: Oct/15/2012

Exp 8: Handoff

Name: GOUTAM

Input Parameters	
Reuse: 1 ,Model: Rune	Pt(dBm): 34
fc(GHz): 0.8	Beam Width(deg): 70
Rotate(deg): 30	Cell Radius(m): 50
hT(m): 10	hM(m): 1
Sigma(dB): 4	Vertical Tilt(deg): 12
SNR(dB): 5	Band Width(MHz): 5
Noise Figure(dB): 7	Noise Power(dBm): -100.01
Pr0(dBm): -95.01	Time Slot(s): 20

Exp. Results								
SNR	No.Calldr ops	No.Hand offs	Delta1	Delta2	Reading Time(ms)	Outage Time(ms)	% Outage	Alpha
5.0	6.0	6.0	3.0	3.0	20016.0	11520.0	57.55	0.1
5.0	3.0	3.0	3.0	3.0	13104.0	8352.0	63.74	0.1
5.0	5.0	5.0	3.0	3.0	20016.0	11088.0	55.4	0.1
5.0	5.0	5.0	3.0	3.0	20016.0	9936.0	49.64	0.1
5.0	1.0	0.0	3.0	3.0	4176.0	2304.0	55.17	0.1
5.0	6.0	6.0	3.0	3.0	20016.0	9072.0	45.32	0.1
5.0	3.0	3.0	3.0	3.0	15264.0	8064.0	52.83	0.1

Observation
Observation comes here

(Signature of GOUTAM)

(Signature of Faculty)

- Step11:- To Redo the experiment click on "RESET" button.