

Research Methods in computer science

Fall 2013

Lecture 6

Omprakash Gnawali
September 17, 2013

Agenda

Research Conference Updates

Experiment Design

Metric Design

Experiments

Hypothesis

Scenarios

Measurements

Conclusions

Types of Experiments

Model / Analysis

Simulations

Testbed (Real world ^{lite})

“Real world”

Which one to use when?

Metric Design Exercise

Project: Instruction system (HCI)

Possible metrics: ?

Metric Survey Exercise

List and define all the metrics used in the ten research papers from HW2.

We will collect them and look at them together in next class.