

Course Introduction

- What is this course about?
- Why is this important?
- About Amnon Dekel

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What is this course about? • 2 things: 1. THINKING 2. DOING

What is this course about?

- Thinking about
 - How Mobile Technologies work
 - New Possibilities enabled by the Maturation of Mobile Technologies
 - New Mobile Products and Services
 - New Ways of Interacting with Digital Information in Mobile Settings

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What is this course about?

- Doing
 - Programming a Mobile Device
 - Designing and testing of Mobile Applications
 - Planning and Developing a working
 Prototype of a Mobile Product

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Why is this important?

■ You tell me ...

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A bit about me

- MA in Cognitive Psychology
- MPS in Interactive Telecommunications
- Working on my PhD in Mobile Interaction with the Real World

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Expectations Seriousness Personal Responsibility Self Motivation and Self Learning Milestones ...

Expectations

- Seriousness
- Personal Responsibility
- Self Motivation and Self Learning
- Milestones
- Class Participation MUST (10%)
- Exercise Hand in: Personal (25%)
- Class Lecture: in Groups of 2 (25%)
- Projects: in Groups of up to 3 (40%)

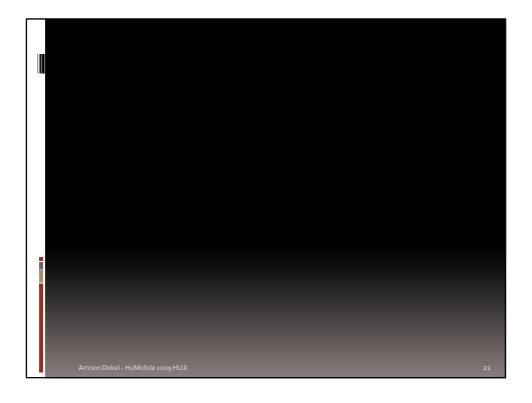
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Schedule

view

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Resources 1 2 (②) Android G1 Phones 10 Android SDK stations in Levi Nokia S60 Phones Python for S60

Now about you

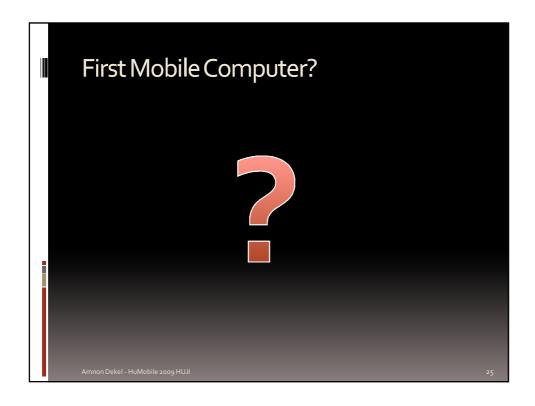
- Take a minute and ask yourself:
 - Am I willing to commit to the course expectations?
 - There is a waiting list of people who want to take part in the course ...

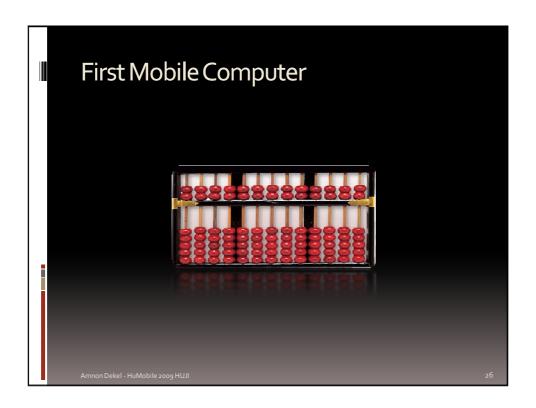
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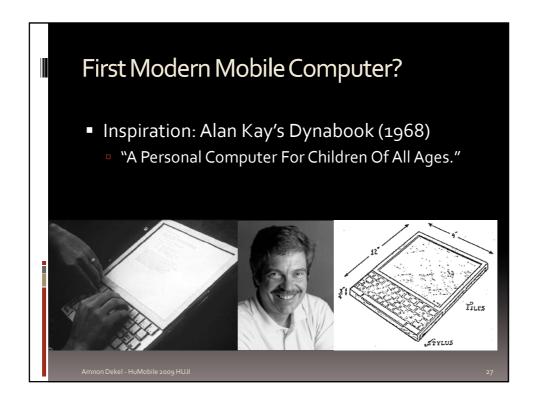
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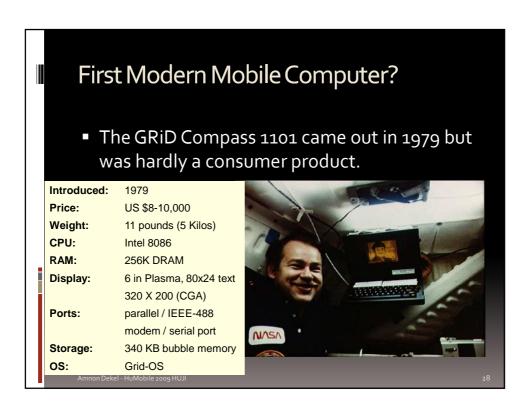
A SHORT HISTORY OF MOBILE COMPUTING

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First Modern Mobile Computer?

 The Osborne 1 is widely regarded as the first commercial portable computer.

Introduced: April 1981

Price: US \$1,795

 Weight:
 24.5 pounds (11 Kg)

 CPU:
 Zilog Z80 @ 4.0 MHz

RAM: 64K RAM

Display: built-in 5" monitor

53 X 24 text

Ports: parallel / IEEE-488

modem / serial port

Storage: dual 5-1/4 inch, 91K drives

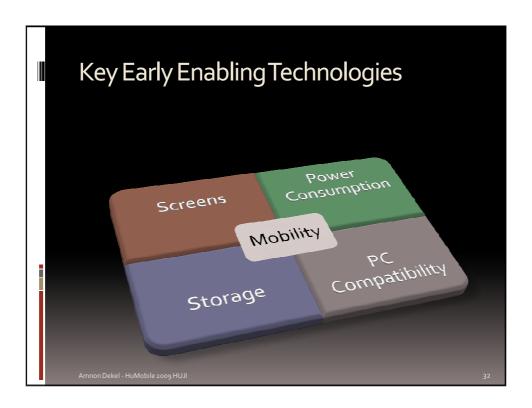
drives

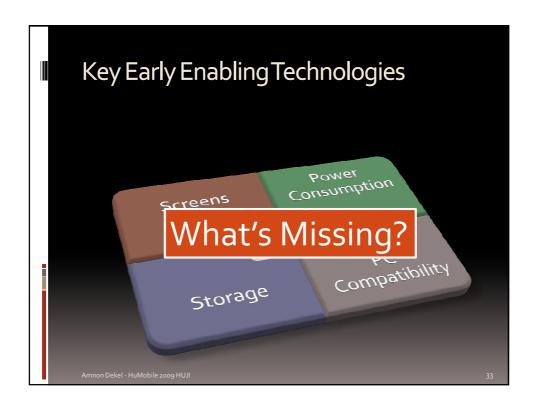
OS: Amnon Dekel CP/M

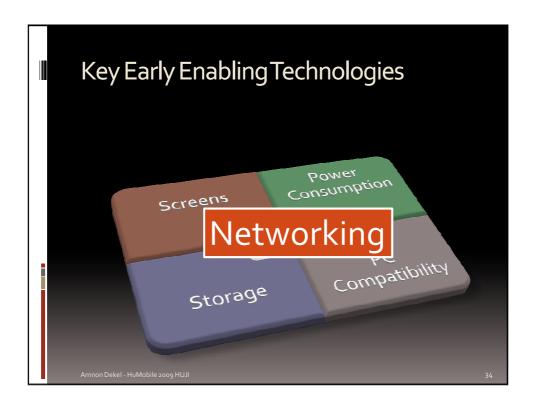


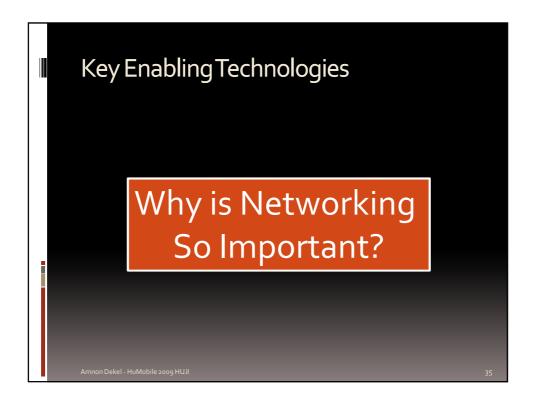
Breakthrough Product 4 AA batteries! ■ 1983: TRS 80 Model 100 – 6M sold Introduced: 1983 Price: US \$1099 - \$1499 Weight: 3.1 lbs (1.4 Kg) CPU: Intel 8oC85 @ 2.4 MHz RAM: 8 - 32 KB Display: 8 x 40 char LCD with 240 x 64 graphics parallel Ports: modem / serial port Storage: external os: Custom

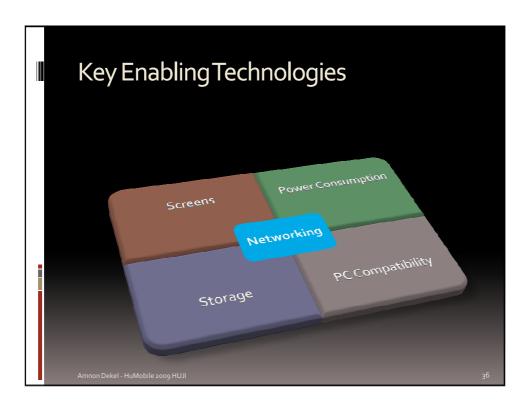




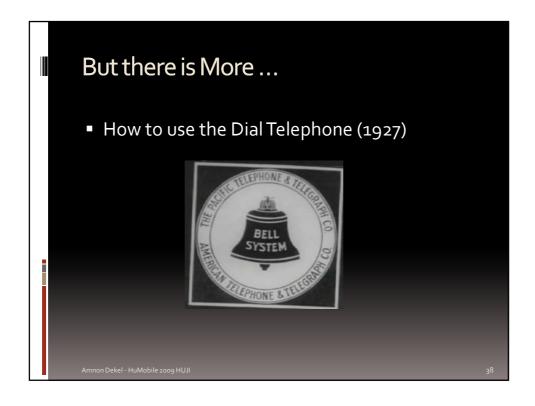




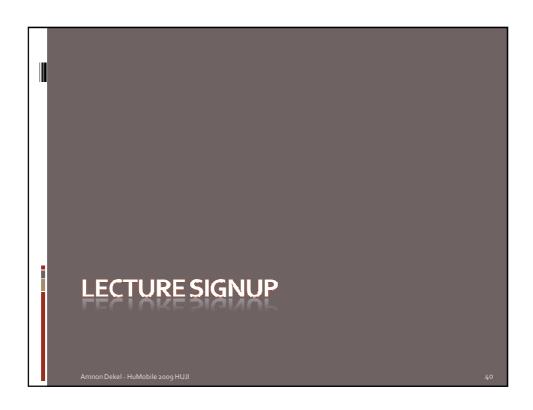




But there is More ... Interface Design Usability User Experience Learnability







Lecture Signup

- Send me email to: (Course email)huji.android@gmail.com
 - Send me your Name and Cell Phone Number
- You will then receive an Email with a list of Subjects
- You reply to the email with 2 subjects that you are interested and a date that you are interested in
- First Come First Serve

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HOMEWORK!

- Go the Android Dev site and check it out
 - http://developer.android.com/index.html
- If you need to work in the Lab: send me email telling me so and I'll get you registered for the computers.
- Otherwise, install Android SDK and start getting a feel for it by doing the tutorials

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