

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**A**

## Designing a Solar Oven

### Engineering Design Process: Ask!

1. Why is thermal insulation important to your solar oven design?

Test

2. What are two materials that are good thermal insulators? Why do you think these materials work well?

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3. Why is environmental impact important to your solar oven design?

Test2

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4. How can you tell if a material has a big or small environmental impact?

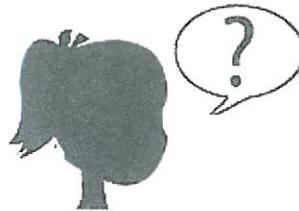
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Name: \_\_\_\_\_ Date: \_\_\_\_\_

**A**

## Designing a Solar Oven Engineering Design Process: Ask!

1. Why is thermal insulation important to your solar oven design?

Test 3 - // Ty

2. What are two materials that are good thermal insulators? Why do you think these materials work well?

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3. Why is environmental impact important to your solar oven design?

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4. How can you tell if a material has a big or small environmental impact?

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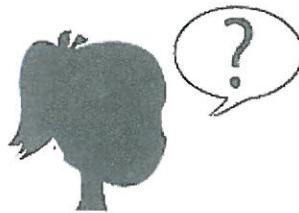
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Name: Solar-oven-test Date: \_\_\_\_\_

A



## Designing a Solar Oven Engineering Design Process: Ask!

1. Why is thermal insulation important to your solar oven design?

Importance

2. What are two materials that are good thermal insulators? Why do you think these materials work well?

Composit-

3. Why is environmental impact important to your solar oven design?

Impact

4. How can you tell if a material has a big or small environmental impact?



130.641.95.238:3000

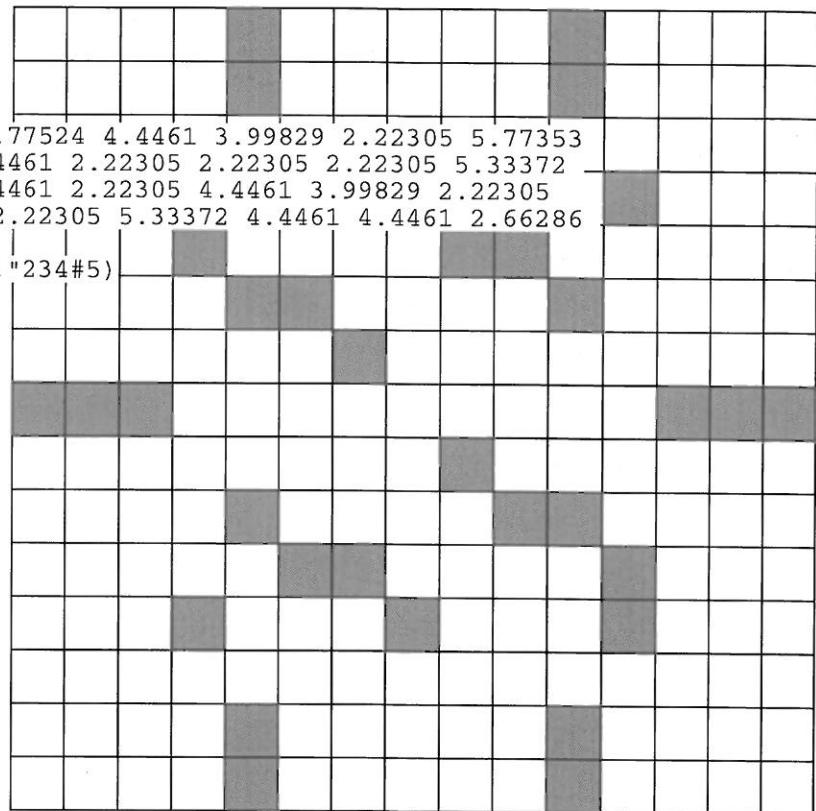
# The New York Times

s

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OFFENDING COMMAND: xshow

STACK:

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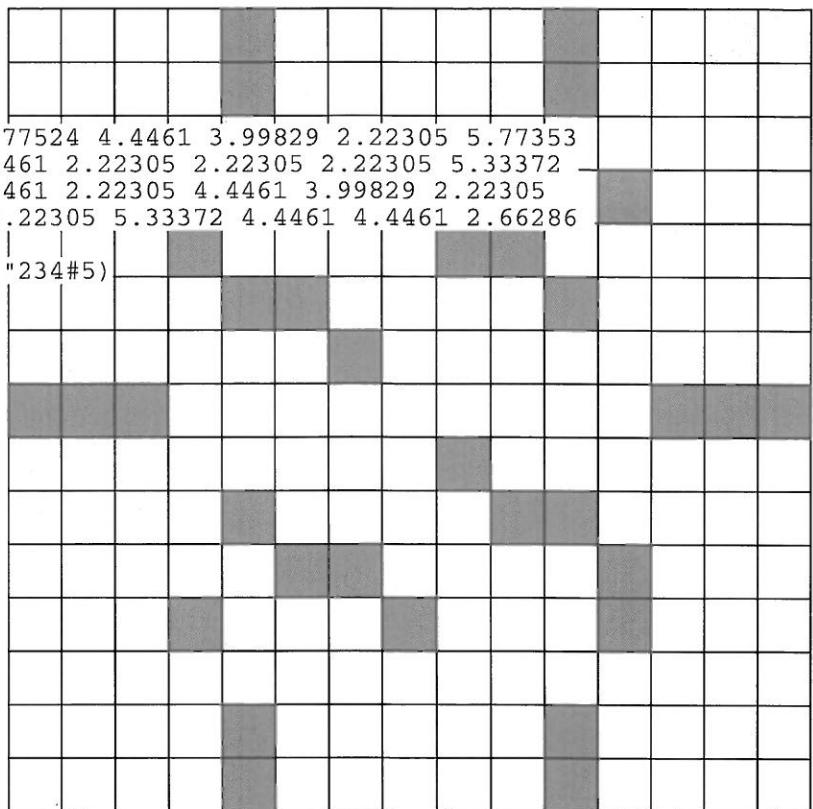
# The New York Times

s

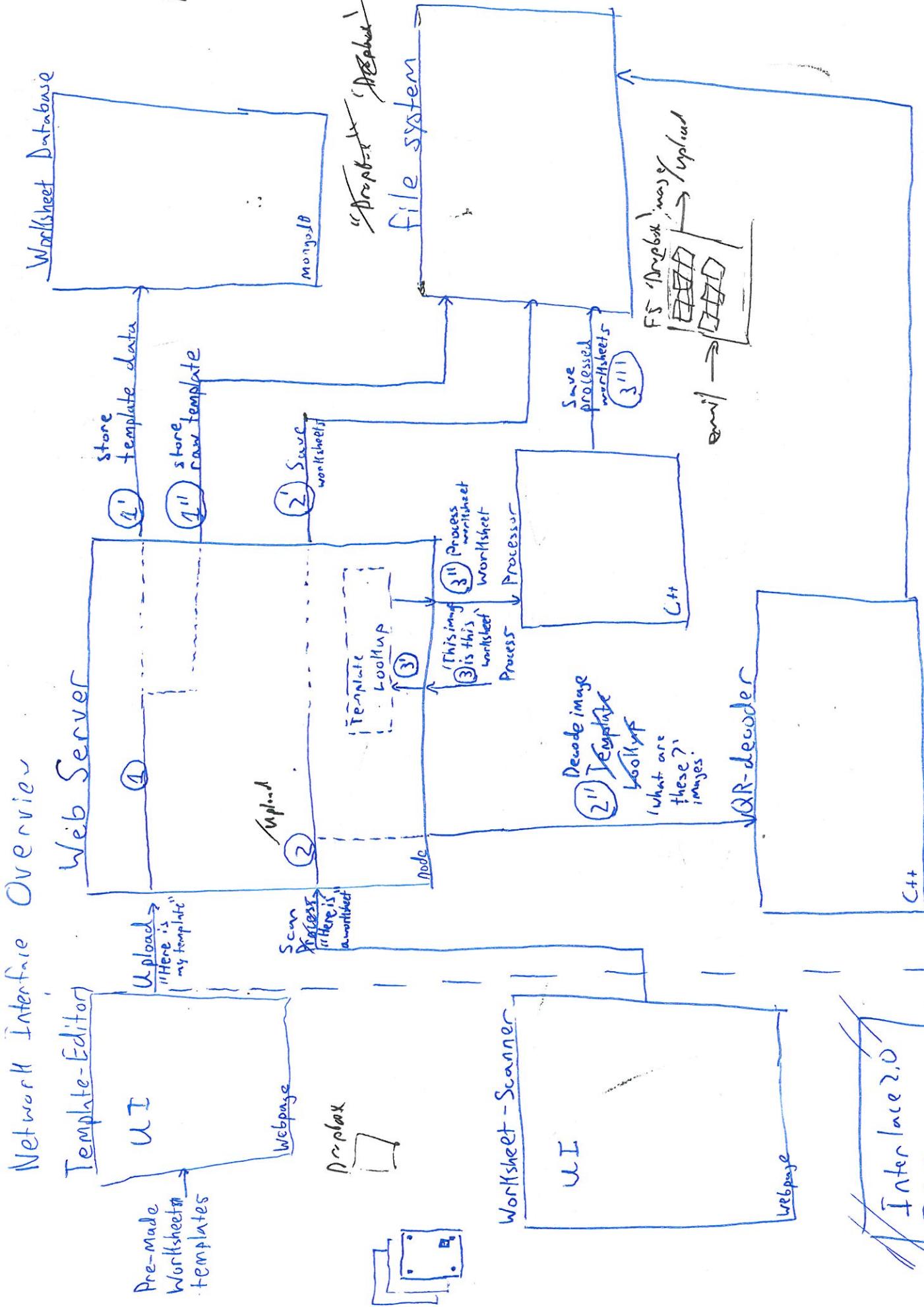
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STACK:

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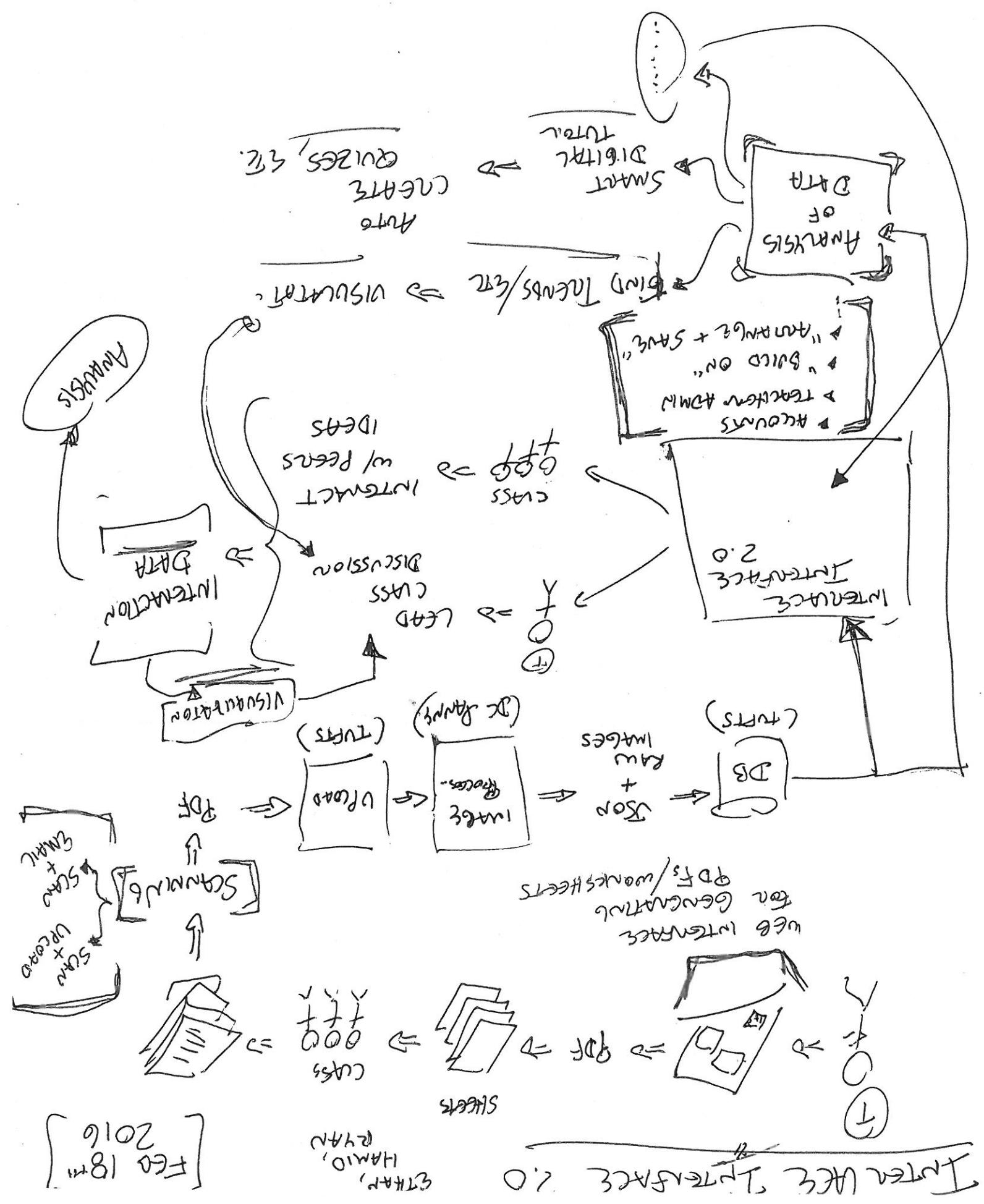


## Network Interface Overview

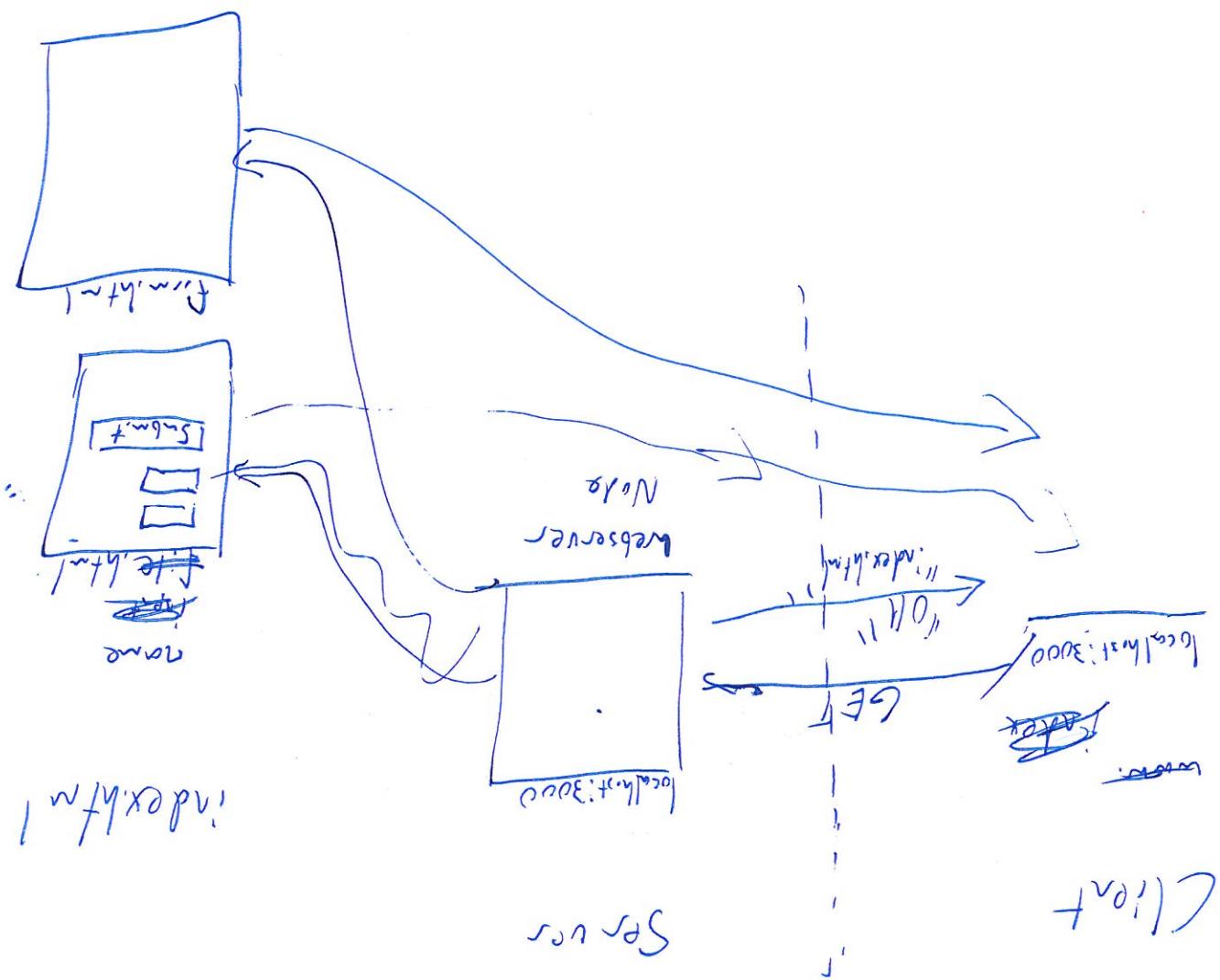


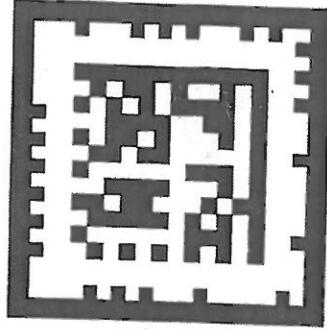
Application - Back-end

Client



Did I do it right?





Distance (in meters)	Time (in seconds)

Fill in the data you collected from your experiment:

Answer:

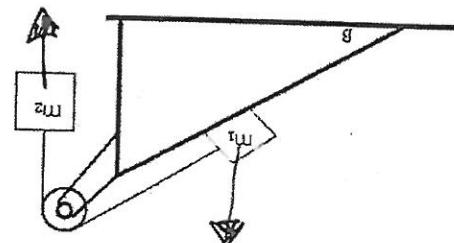
$$S = m$$

$$2 + 1 = x + y$$

$$2 = x$$

$$1 = y$$

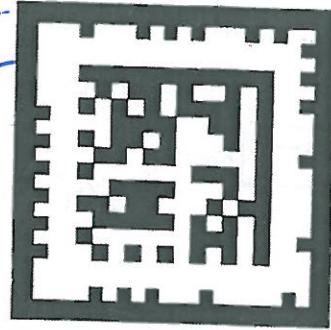
Show your work here:  
Solve the equation:  $y = x^2 + 2x$  for  $x = 3$



Draw the forces:

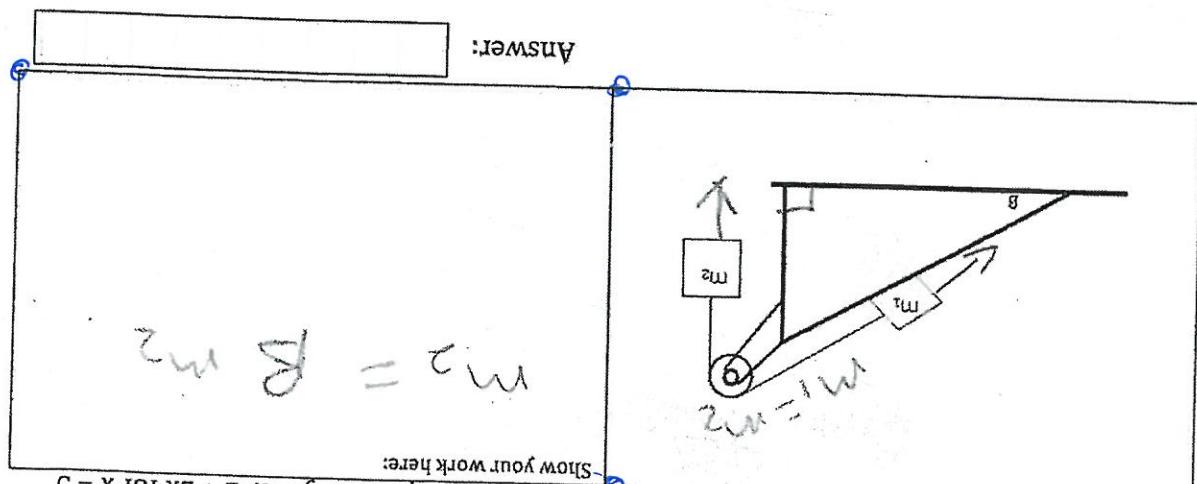
 E T H A N

Name:



Distance (in meters)	Time (in seconds)

Fill in the data you collected from your experiment:



Name: AHMEO

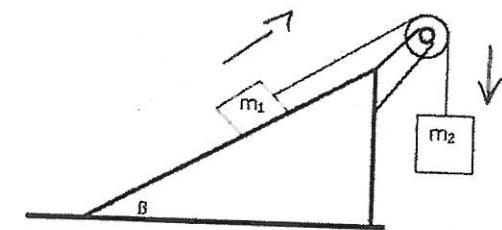
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Worksheet: Page 1 (Physics)

Name:

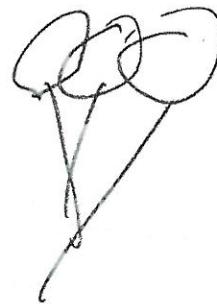
DANNY

Draw the forces:



Solve the equation:  $y = x^2 + 2x$  for  $x = 3$

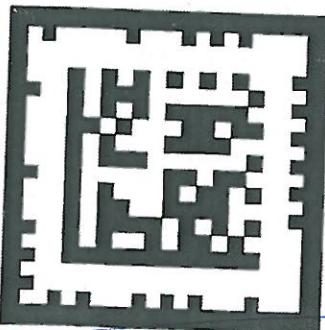
Show your work here:



Answer:

Fill in the data you collected from your experiment:

Distance (in meters)	Time (in seconds)
1000	a b c
2000	
3000	
4000	
5000	



Σ box2: -30, 40  
x<sub>1</sub>, y<sub>1</sub>, x<sub>2</sub>, y<sub>2</sub> } ID

# Welcome to the CEEO

We'd like to thank you for joining the Tufts Center for Engineering Education and Outreach. We've compiled the following information about working at the CEEO to help make your start as smooth as possible. Should you have any questions, please don't hesitate to contact our office Program Administrator, Maggee Giarrosso.

## Contact Information

CEEO	<a href="http://ceeo.tufts.edu">http://ceeo.tufts.edu</a>	200 Boston Avenue Suite G810 Medford MA 02155
CEEO	<a href="mailto:ceeo@tufts.edu">ceeo@tufts.edu</a>	<a href="mailto:ceeo@tufts.edu">ceeo@tufts.edu</a>
CEEO	617-627-5888 phone	617-627-4760 fax

Lynne Ramsey	Staff Assistant	Maggee Giarrosso	Office Access & Hours
617-627-5888	lynne.ramsey@tufts.edu	617-627-5888	Program Administrator
617-627-5888	maggee.giarrosso@tufts.edu	617-627-5888	Maggee Giarrosso

CEEO is open Monday through Friday from 9am until 5pm and closed on holidays. Access outside of those hours must be arranged with Maggee. Be sure to log your hours on the CEOE hours login site and contact Maggee if you have any problems. Please notify your direct manager and Maggee if you are sick and cannot work.

Please make sure to Facebook or Tweet anything about your time here at the CEEO! Please make sure to tag us in your posts or send an email to Maggee and she will post content for you!

## Social Media

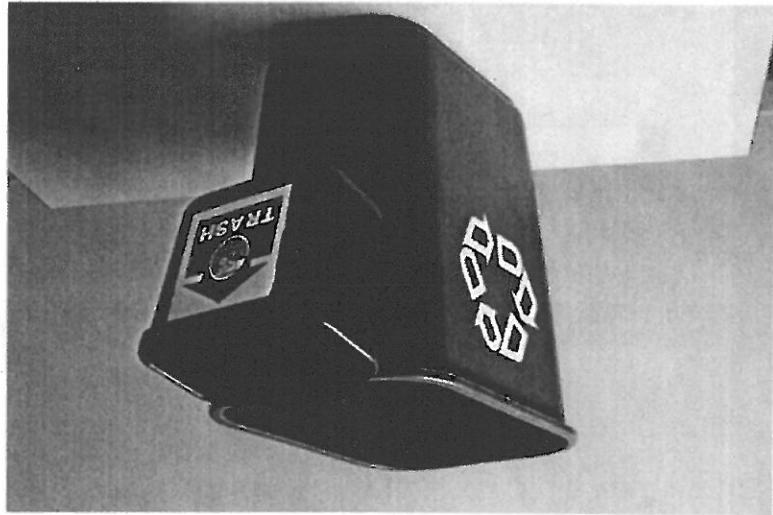
Facebook: [www.facebook.com/tuftsceeo](http://www.facebook.com/tuftsceeo) Twitter: [www.twitter.com/TuftsCEO](http://www.twitter.com/TuftsCEO)

The CEO also has general office and project supplies that are free for anyone to use in the supply closet. Please put all equipment and supplies away when returning them. If you notice that we are low or you use the last of something, tell Maggie so she will know to order more. The CEO also has a copier, scanner, fax machine, and a color printer available for use.

## Office Supplies

Laptops are available for use but must be reserved through Lynne. We keep a Google calendar of laptop reservations. Lynne will be happy to add you to the calendar so you can see when they are available. Do not install any software on CEO computers without consent. Files on CEO computers are not backed up so please store files you are working on in outside server.

## Computers



Please help us keep the center green! Use our bins to recycle paper, plastic, glass, and aluminum. The trash bunnies used in the offices are for trash and paper/cardboard recycling. It is your responsibility to empty the trash buddy into the larger trash bins and the paper recycling bin will be emptied once a week during by custodians. There are bins for plastic/glass and aluminum recycling in the kitchen and by the front desk. We compost food waste (no meat) in the composter bucket in the kitchen. Lynne collects batteries that need to be recycled, as well as broken NXT and EV3 bricks. We also collect computer equipment to be donated or recycled. Use the printers and copiers only when necessary. Scrap paper is available for you to use and is stored to the left of the copier.

## Recycling

CEEO computers are not backed up. You can backup your work on our public server, called eeoP (Smb://titian.tcs.tufts.edu/ase-eeop\$). Create a folder in your name and save your files there.

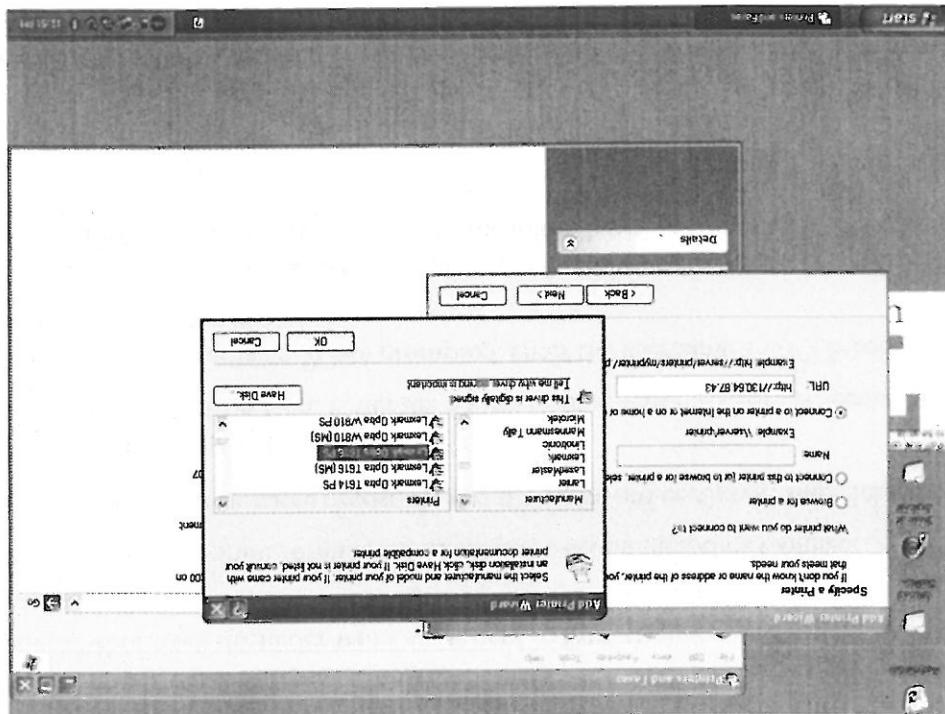
## PUBLIC SERVER (EEOP)

6. Select Lexmark as the manufacturer and Lexmark Optia T616 PS. Click Next to continue and again to set it as the default printer.
5. For Specify a Printer choose the bottom option Connect to a printer on the Internet... and fill in the IP address with "http://<before it (example, http://130.64.17.78). Click Next to continue.
4. For Local or Network Printer, select A network printer... and click Next to continue.
3. The click Add Printer. This will open the Add Printer Wizard. Click Next to continue.
2. Click on Printers and Faxes.
1. Go to Start-> Control Panel to open the Control Panel.

## SETTING UP OTHER PRINTERS ON A PC

3. To print, choose the printer called \\asistsps01\MFP\_CEEO.
2. Enter the username **TUFTS\YourUTLN** where "yourUTLN" is your Tufts login username and your standard password. Then click "OK". An installer will run and your computer will ask you to verify.
1. Go to Start-> Run and type in \\asistsps01\MFP\_CEEO and press Run.

## SETTING UP THE COPIER/PRINTER ON A PC



the attached form and return it to Lynne with a photocopy of your driver's license. For anyone who works or volunteers at schools, results will be kept confidential. Please complete the annual record from the state of Massachusetts. This is a standard background check is required to complete a CORI Request Form. This form allows our Director of Outreach to view your criminal record here at the center, everyone who works here is required because we run workshops for children here at the center, everyone who works here is required to complete a CORI Request Form.

## **CORI Request Form**

If you need to travel locally for CEEO purposes, you can be reimbursed for your mileage. You'll receive \$0.54/mile. We cannot reimburse you directly for gas purchased. To claim a mileage reimbursement, print the directions from the CEEO to your destination from Google Maps. Be sure it includes the miles. Write the dates you traveled and the reason for your travel on the sheet and give it to Maggee.

## **Mileage Reimbursements**

If you need to purchase supplies for your project, please go to this site <http://forms.tuftsceeo.org/purchase-form/> and fill out the form. Your order will be submitted for approval and, if approved, will be ordered. You will receive an email informing you if your request has been approved or denied, as well as when the item is ordered.

## **Purchasing Project Supplies**

The workshop room is across from Lynne's desk and the conference room is across from the printer. The workshop room and conference room are available to use should you need them. The workshop room is across from Lynne's desk and the conference room is across from the printer. The workshop room is across from Lynne's desk and the conference room is across from the printer. Order to reserve the room when you need to.

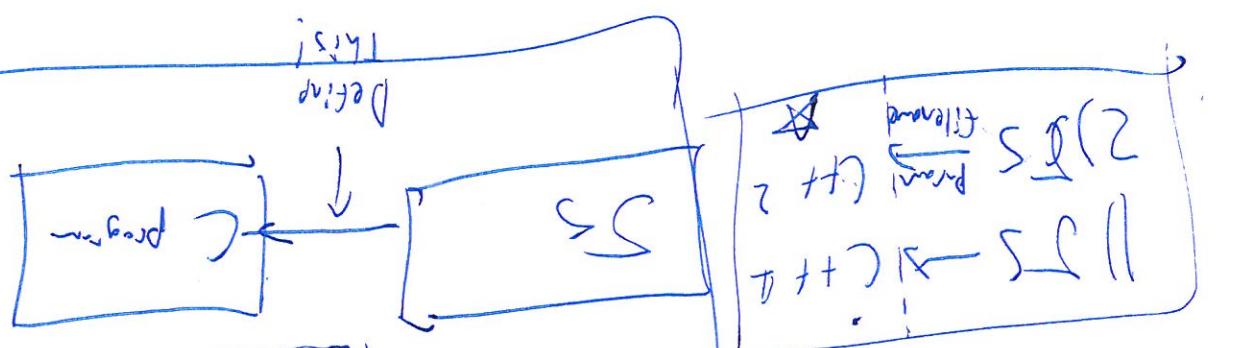
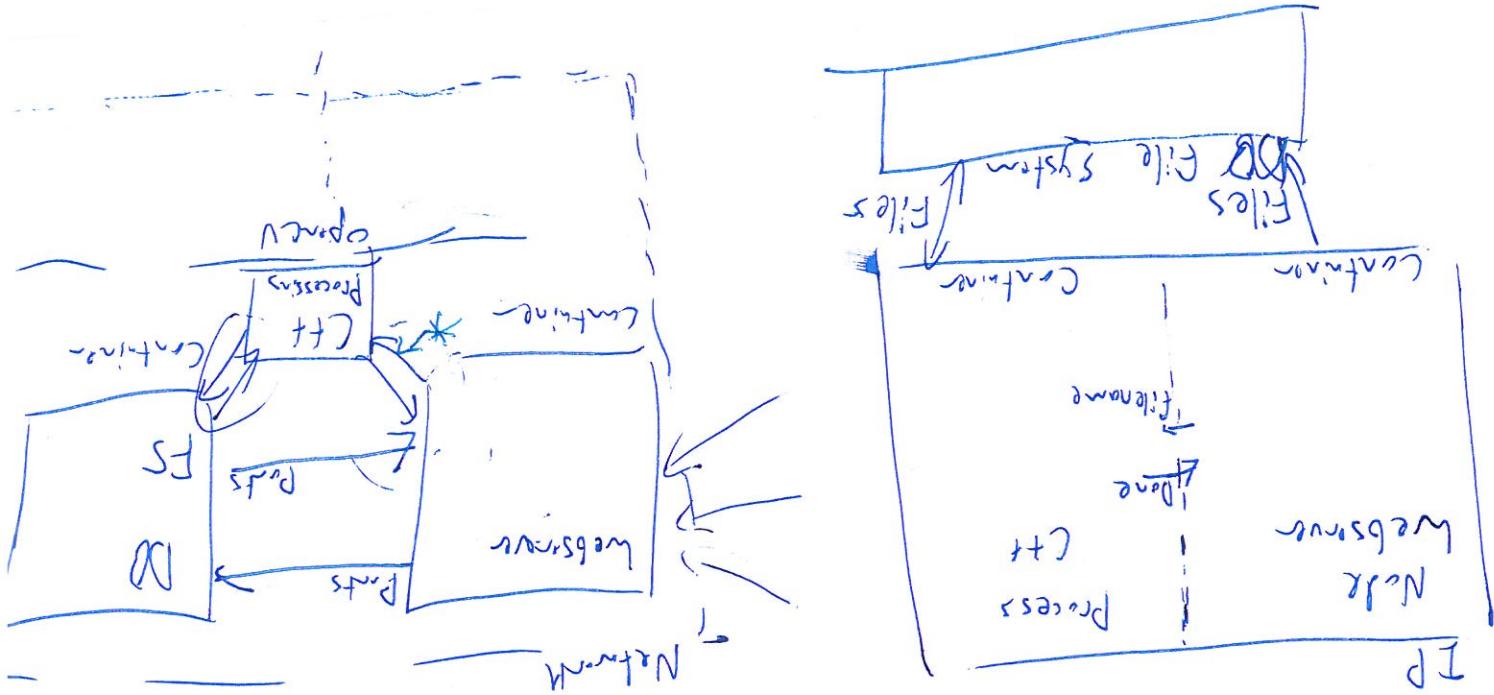
## **Space Reservation**

If you will not be in the office because of an illness or personal reasons, please email Maggee and your direct manager. To make up hours, please contact your direct manager.

## **Out of Office**

All CEEO employees will be added to the ceeo\_staffstudents@elis.tufts.edu. This list is used for general announcements. Please feel free to use this email address if you have something to share with the CEEO.

## **Elis**



My C++ life using boost  
Run ~ simple web app using `asio` → public accessible (HTTP)

→ Run → Make an image `HTML` is accessible publicly  
→ Run → Can changes to `HTML` freely communicate  
→ Run → Multi w/ files/stored data.  
→ Use `std::map` → `std::pair`  
1) `child - parent`  
2) `use` in `C++`  
3) `public Thrift`



