GroupShop

“A modern way to plan your shopping trip”

Grant Azure | Peter Hu | Antonio Diaz | Eric Le
Problem

• It is too difficult to coordinate shopping trips with your housemates
Recall

**GroupShop**

- Create shopping list
- Add items
- Retrieve shopping list
- Share personal shopping list
- Ask for reimbursement
- Receive reimbursement

**Roommates**

- Reimbursement
- Notification
- Send payment

- Reduce conflict
- Less stress
- Less financial burden
Prototypes & Tasks

1. Add Personal Cup Noodles to the List
2. Reimburse a Housemate By Credit Card
Initial Paper Prototype

Reimbursement

Payment to Eric
Amount owed $10.00
Amount to pay $ 
Pay by credit card
Pay by buy Pal
Propose barter

Payment
Congrats! $10.00 had been successfully paid to Eric.
Return
Testing - Goals

• **Target Participants**
  – College students
  – Young professionals

• **Goals**
  – Match shopper’s process with our process
  – Ensure design flow
  – Appropriate language
Testing - Results

• **Heuristic Evaluation**
  – High Severity Issues
  – Example: “Go Shopping” mode was useless

• **User Testing**
  – High and Medium Severity Issues
  – Example: Takes too long to get to “Add Item”

• **Design Mockup Critique**
  – Low Severity and Aesthetic Issues
  – Example: Home screen too cluttered
## Final Paper Prototype

### Adding item

<table>
<thead>
<tr>
<th>HOME</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADD AN ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MY LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

1. **My List**
2. **List Manager**
3. **Announce Trip**
4. **Active Dispute**

- **Quick Add Item**
- **List Manager**
- **Capture Receipt**

<table>
<thead>
<tr>
<th>Item's name</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Personal</th>
<th>Communal</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5.png" alt="Diagram" /></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STORE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image6.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MY LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image8.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2% Milk</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image9.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pasta</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image10.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tomatoes</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image11.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eggs</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image12.png" alt="Diagram" /></td>
</tr>
<tr>
<td>My List</td>
</tr>
<tr>
<td>--------</td>
</tr>
<tr>
<td>List Manager</td>
</tr>
<tr>
<td>Announce Trip</td>
</tr>
<tr>
<td>Active Dispute</td>
</tr>
</tbody>
</table>

Balance Manager:

**ANTONIO**

$15.00

Payment:

- Pay
- Dispute

Pay by:
- Cash
- Credit
Testing - Results

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Paper To Digital: Iterating

Old Home Page  New Home Screen With Sidebar
Summary

• Problem
  – It is too difficult to coordinate shopping trips with your housemates

• Solution
  – Encourage planning
  – Prevent duplicate purchases
  – Facilitate the reimbursement process

• Next Steps
  – More testing
  – Evolve tasks
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  – https://www.fluidui.com/
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Thank You! 😊