

# Community Costs

*A simple app for dividing costs over time*

Ethan Goldman-Kirst (egk35) & Tiffany Lin (lintiff)

The screenshot shows a web application for tracking group expenses. At the top, there is a blue box labeled "Group Name" with a "+ Add member" button below it. To the right, a legend identifies four members: Member 1 (green), Member 2 (yellow), Member 3 (blue), and Member 4 (orange). Below the legend, four expense items are listed in colored bars: Electricity (\$20.99, green), Toilet Paper (\$5.00, yellow), Trash Bags (\$7.00, yellow), and Cable (\$10.99, blue). A "+ Add" button is located below the list. A "Summary:" section at the bottom left shows the total for each member: Member 1: \$20.99, Member 2: \$12.00, Member 3: \$10.99, and Member 4: \$0.00. A large green "Balance" button is at the bottom center.

Member	Expense	Amount
Member 1	Electricity	\$20.99
Member 2	Toilet Paper	\$5.00
Member 2	Trash Bags	\$7.00
Member 3	Cable	\$10.99
Member 4		\$0.00
<b>Total</b>		<b>\$43.98</b>

# Vision

- Uses:
  - Balance group spending
  - Keep track of long term payments
- Target Customers:
  - Roommates, groups of friends/coworkers
- Alternatives:
  - Venmo
  - Bill Splitter
  - Facebook groups

# Software Architecture

