



# The Trouble with Tasks: Exploring How Technology Can Help Us Create Prosocial Households

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## Introduction

- Humans are increasingly being placed in contexts where they must work cooperatively to maintain shared households
- Delayed marriage rates, climbing student-loan debt, and rising housing costs have led to increased numbers of households with adult members beyond a homeowner and spouse
- Nearly 32% of American adults live in shared-households across all age-ranges, including about 25% of Americans between the ages of 18-34
- Issues with the distribution of work and household labor are increasingly motives for divorce
- Less than half of roommates are highly satisfied with their housing arrangements in college

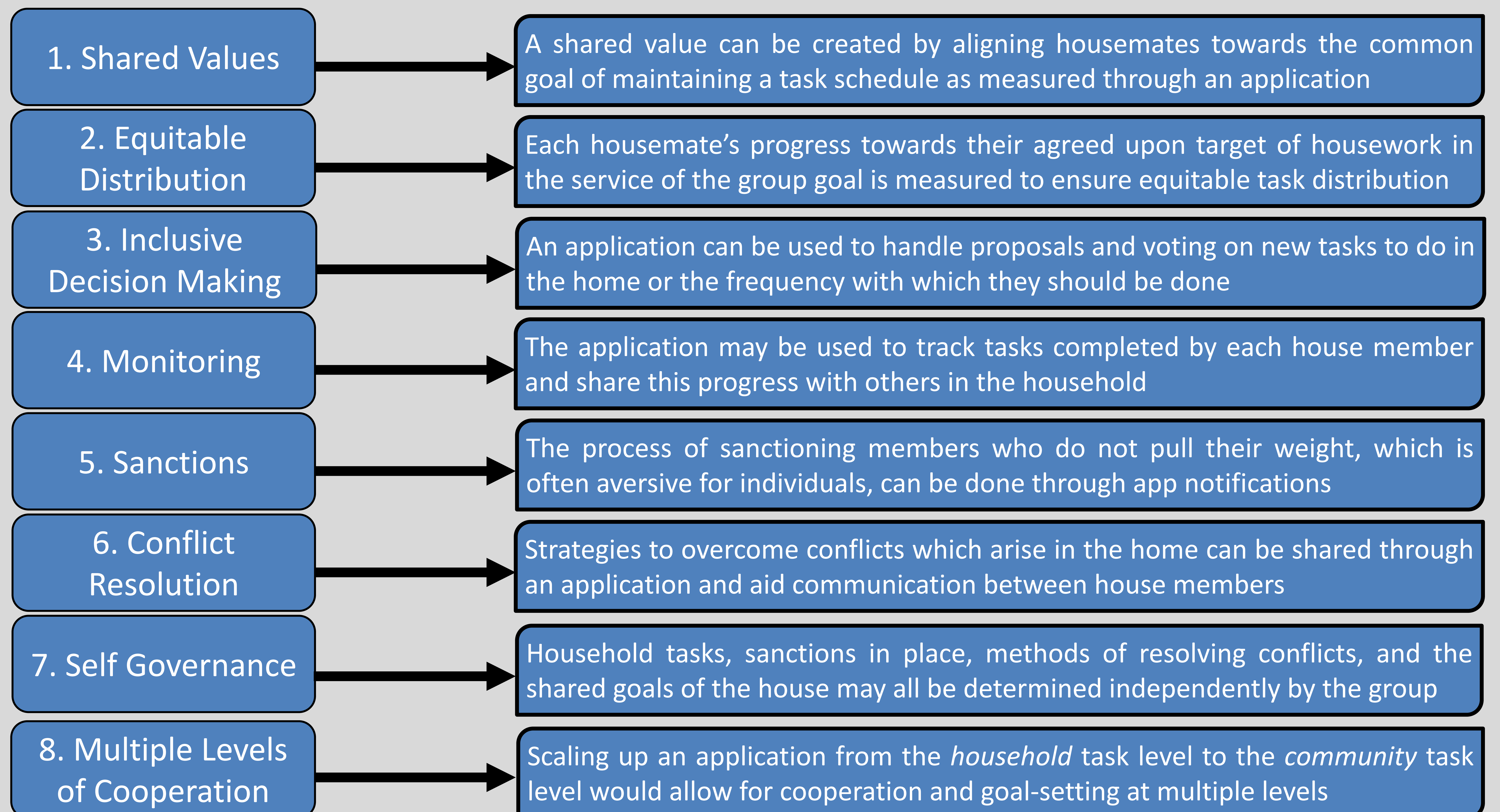
## Prosocial CDPs

Prosocial has been developed to augment cooperation by using the Core Design Principles (CDPs):

1. Defined Boundaries and Shared Values
2. Equitable distribution of benefits and costs
3. Collective Choice Arrangements
4. Monitoring of Agreed-Upon Behaviors
5. Graduated Sanctions for Misbehavior
6. Fast and Fair Conflict Resolution
7. Right to Self Organize
8. Polycentric Governance

**Technology can help us apply the CDPs to Task distribution in shared households**

## How Technology Can Target CDPs in Households



## Discussion

- What is being proposed is an application that helps households manage task distribution by using the CDPs and Prosocial as a guide for app features
- This research should serve as a prompt for Contextual Behavioral Scientists to look at how they can develop interventions which can be put in the hands of the people we hope to help on a grand scale
- Research on this application will analyze group task completion, wellbeing, and alignment with the CDPs

## Future Directions

- This app will provide data which will help solidify the empirical evidence for Prosocial, as it is currently lacking in hard data
- A prototype of this application is currently being created and research will begin once development is complete

Contact authors for list of references.