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## ActionPoint: An App to Combat Cyberbullying by Strengthening Parent-Teen Relationships

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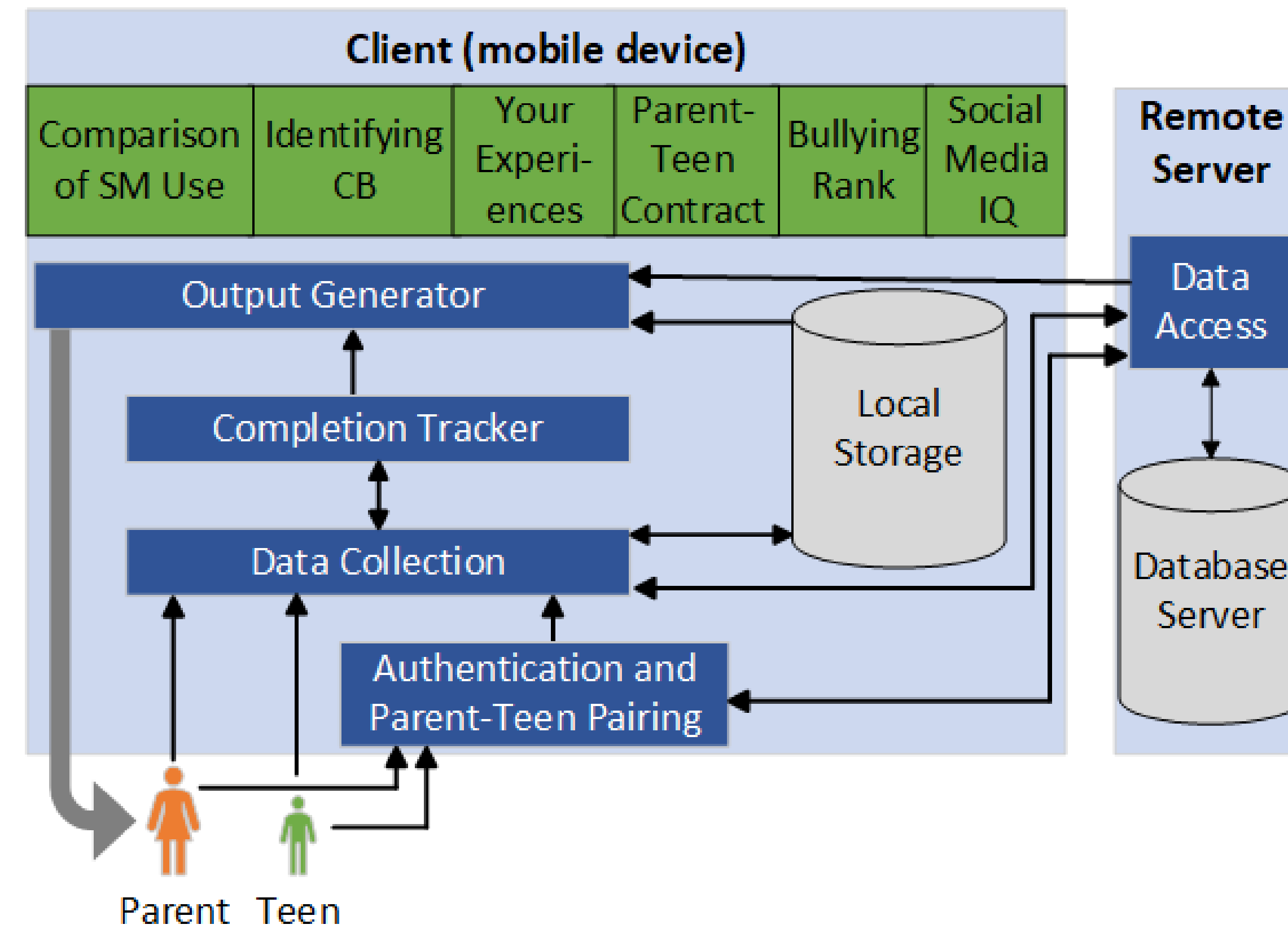
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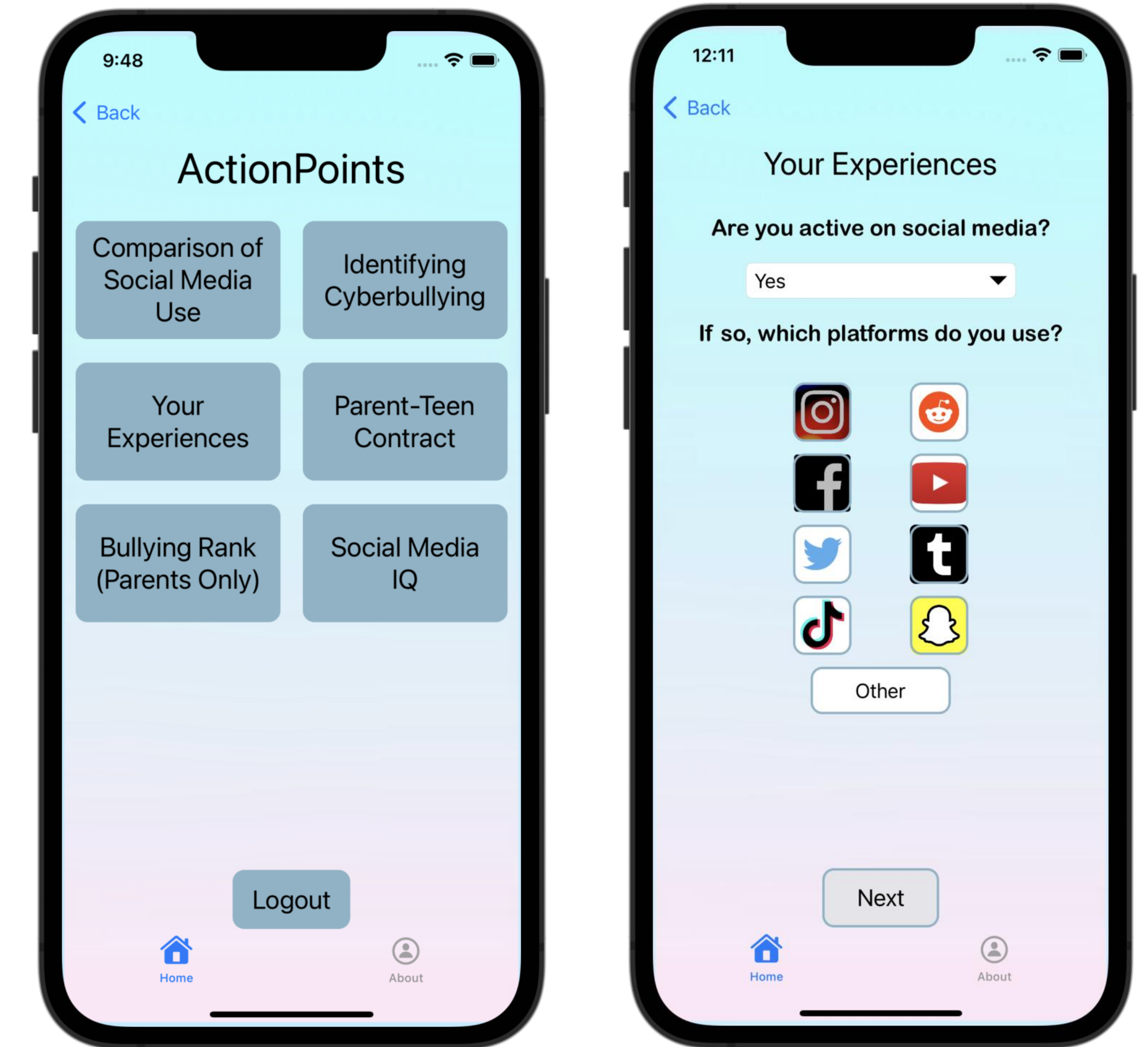
## Overview

- Urgent need for intervention tools to mitigate increase in cyberbullying
- ActionPoint is based on parent-teen relationship research
- App includes interactive modules to improve family communication and online behavior to combat cyberbullying effects
- To be presented in the IEEE World Forum on Public Safety Technology 2024.

## Design & Architecture

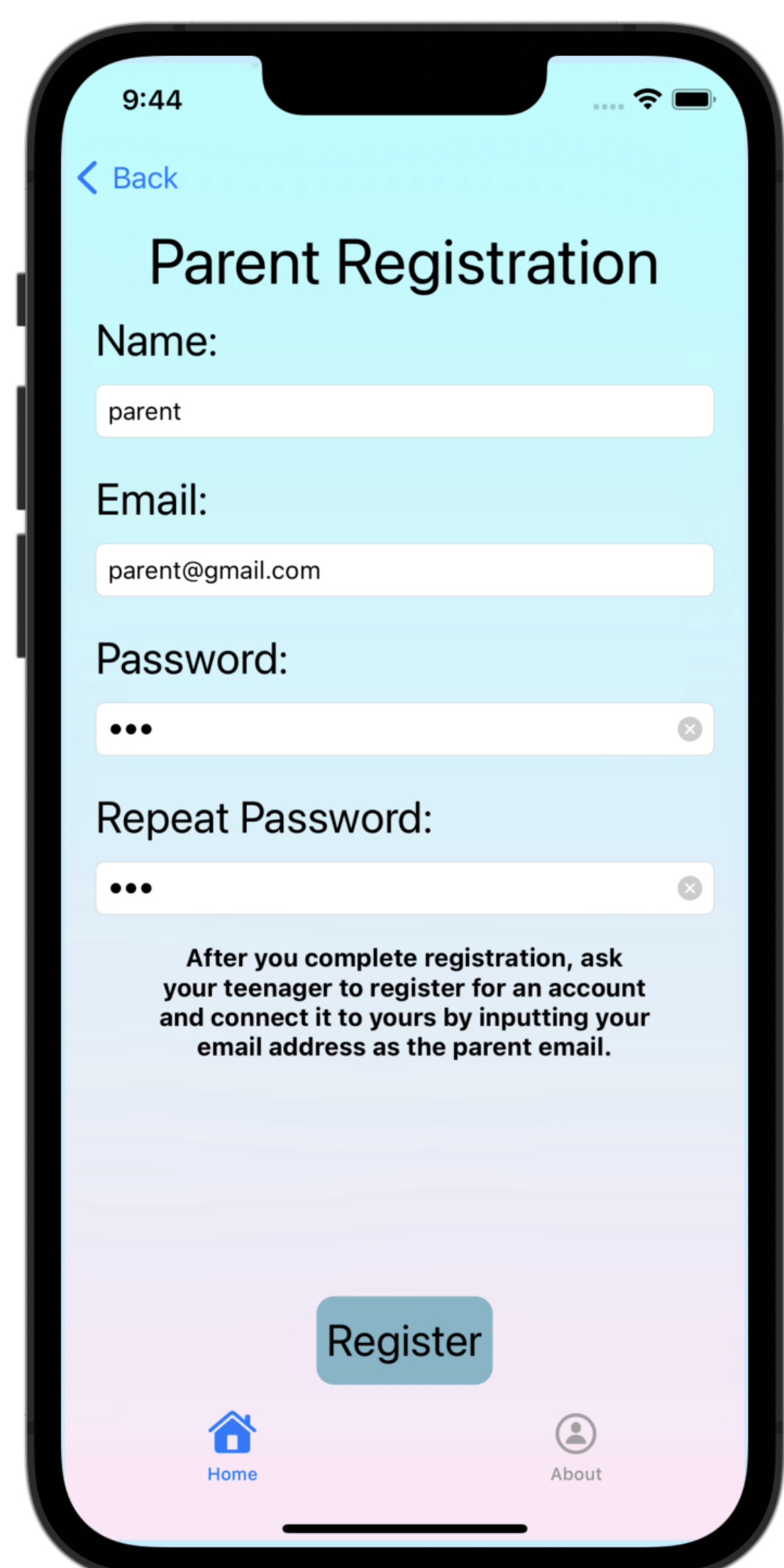


- Survey-based response system
- Developed for iOS compatibility and colorblind-friendly features
- Generates comparison of answers
- Allows one-to-one engagement with parents and teens

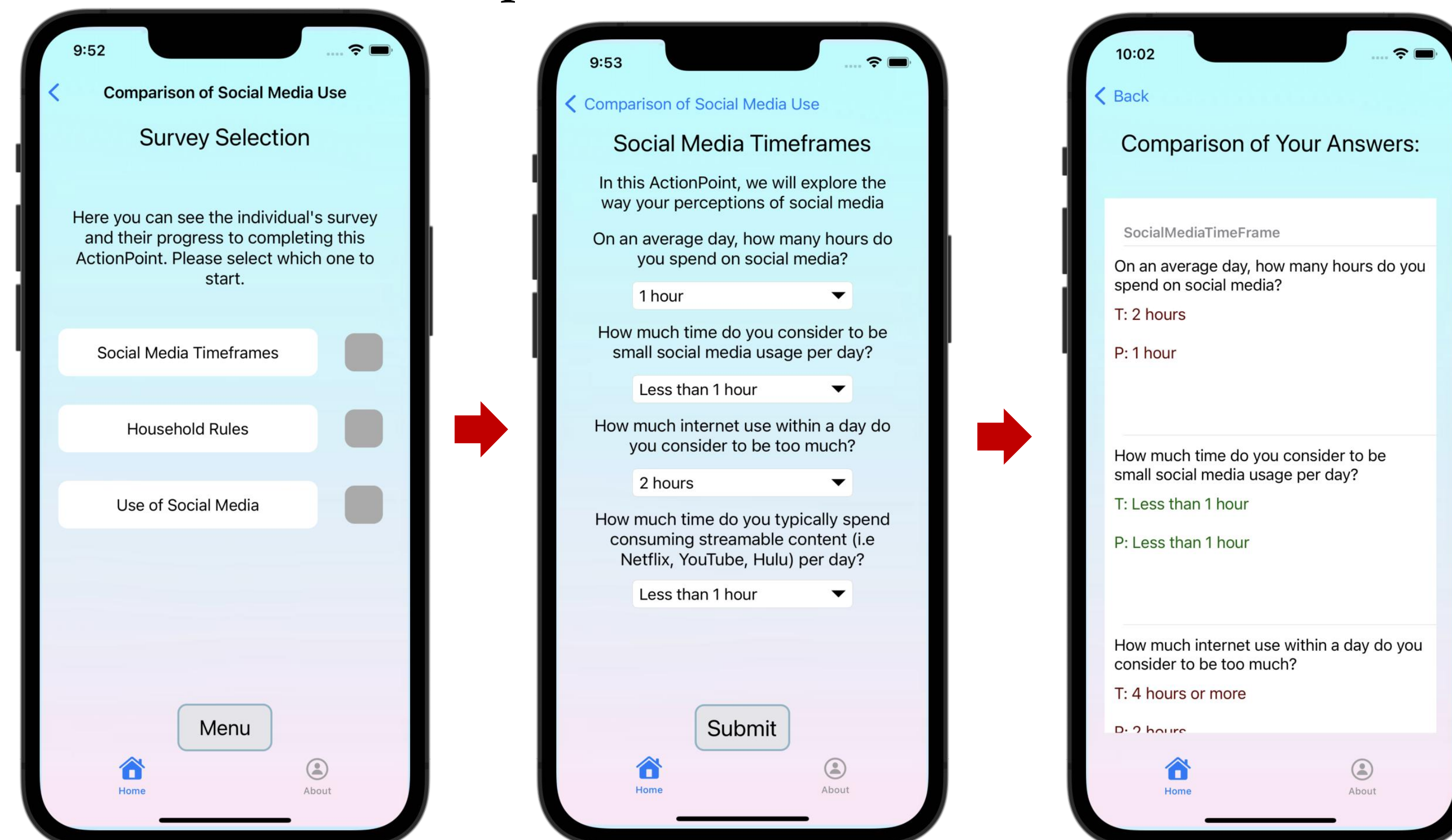


## Framework

- Comparison of Social Media Use
- Identifying Cyberbullying
- Your Experiences,
- Bullying Rank
- Social Media IQ
- Parent-Teen contract.

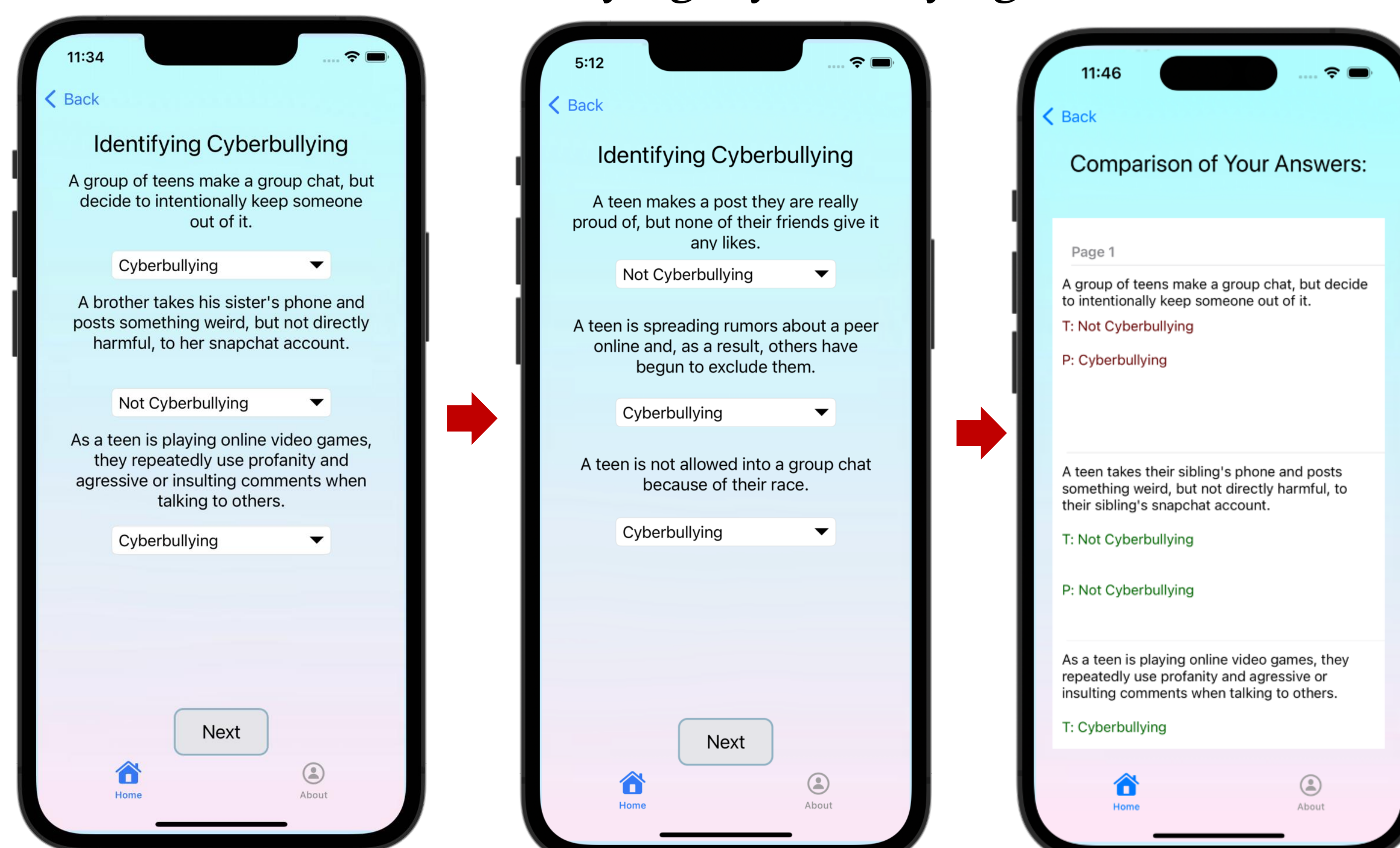


### Comparison of Social Media Use



Helps parents and teens compare their understanding of household rules with technology and social media use.

### Identifying Cyberbullying



Measures parents' and teens' ability to identify cyberbullying instances in a variety of scenarios.

Research shows that open conversations about the teen's technology use and jointly established family rules were linked with a decrease in cyberbullying [3]. Parents and teens do this in 3 surveys:

- Social Media Timeframes
- Household Rules
- Social Media Use

- Research suggests that educational and intervention efforts can improve ability to recognize cyberbullying [2].
- Designed to gain greater awareness of many forms cyberbullying can take



## References

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- [2] M. Campbell, C. Whiteford and J. Hooijer, "Teachers' and parents' understanding of traditional and cyberbullying," *Journal of School Violence*, pp. 388-402, 2019.
- [3] P. Wisniewski, H. Xu, M. B. Rosson and J. M. Carroll, "Parents Just Don't Understand: Why Teens Don't Talk to Parents about Their Online Risk Experiences," in *ACM Conference on Computer Supported Cooperative Work and Social Computing*, 2017.

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