ARIEL UNIVERSITY

People's Budget

YOUR VOTE, YOUR BUDGET!

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Project Goal

Our web application enables citizens to actively participate in the voting process for the state/municipality budget, ensuring alignment with the will of the people.

Introduction

Lack influence over budget decisions? Feel disconnected from how your taxes are utilized? Our web application is here to change that! Experience a new level of citizen empowerment by actively participating in the voting process for state and municipal budgets. Your voice matters!

Key Features

- Online voting for budget proposals.
- Revoting capability for updated decisions.
- Real-time result tracking for transparency.
- Comprehensive voter statistics dashboard for informed participation.

Application Structure

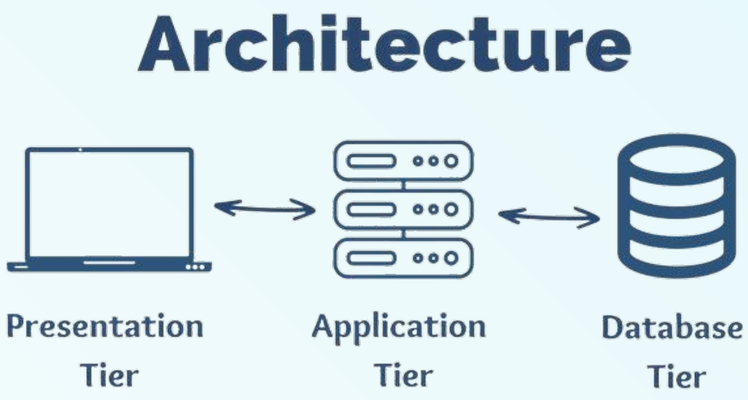
- **Client** - JavaScript by React library for an optimal user experience.
- **Server** - Python and Flask library for logic and information services.
- **Database** - Utilizes MySQL.

Algorithms

Powerful algorithms guarantee fairness, truth-telling, and anonymity.

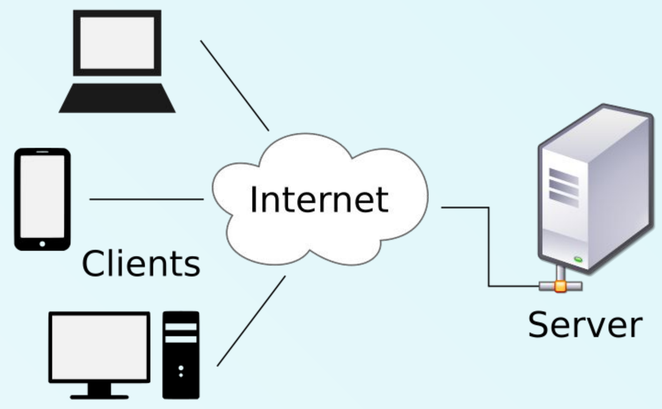
Selected Approach

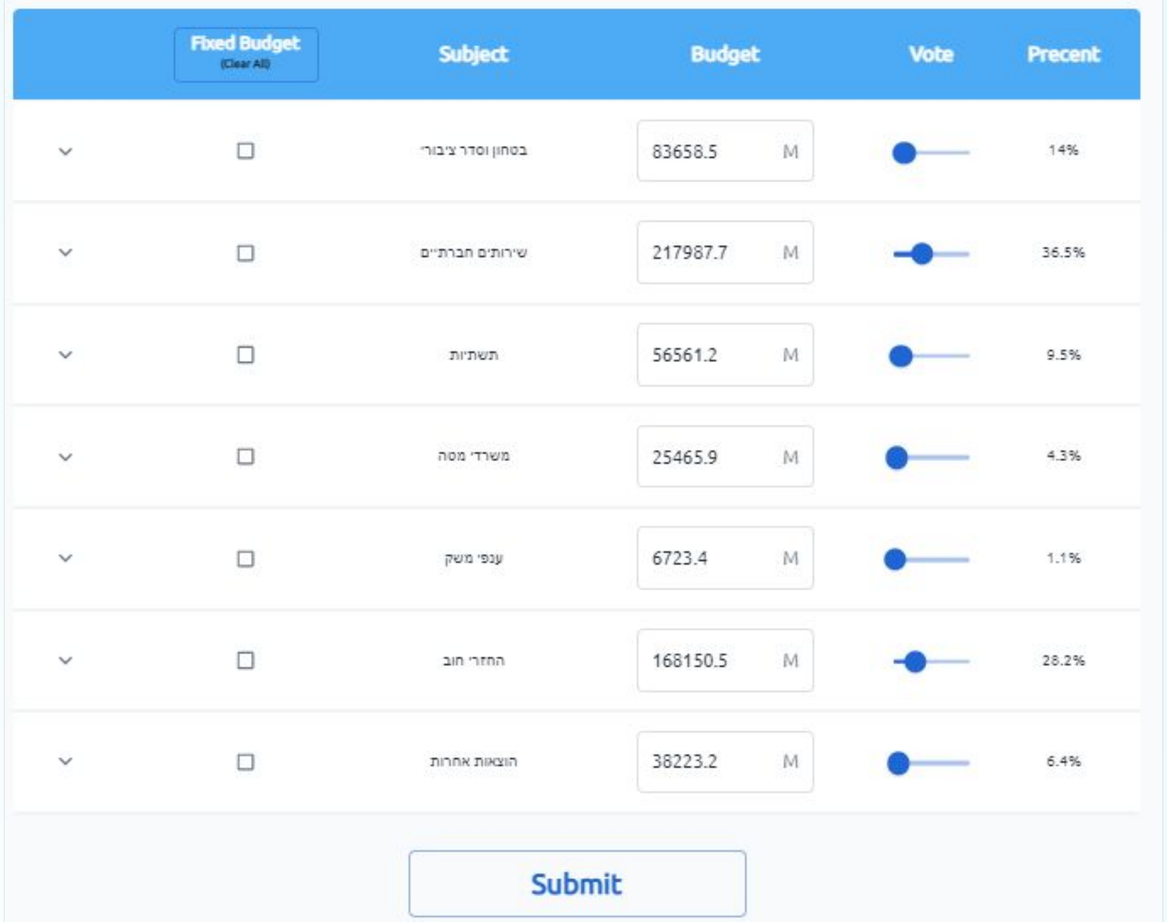
We adopted a layered architecture approach to ensure modularity, scalability, and maintainability.
It consists of three essential components: the presentation layer (client), application layer (server), and data layer (database).



Architecture and Design Pattern

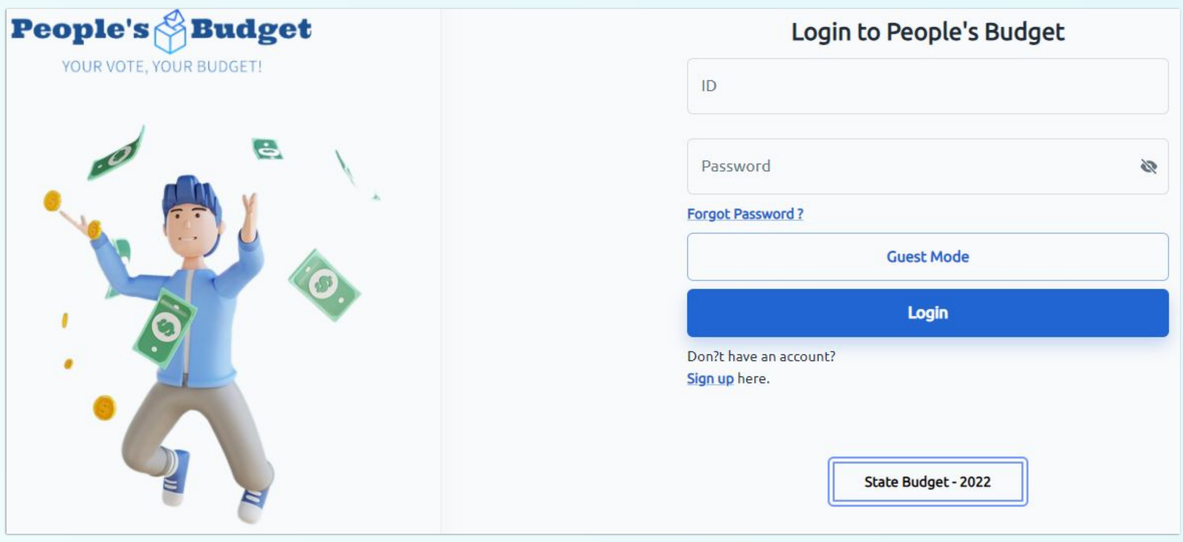
- Client-server pattern with RESTful APIs for seamless communication.
- Strategy pattern for flexible server-database interaction.
- Robust and scalable system architecture with clear component separation.

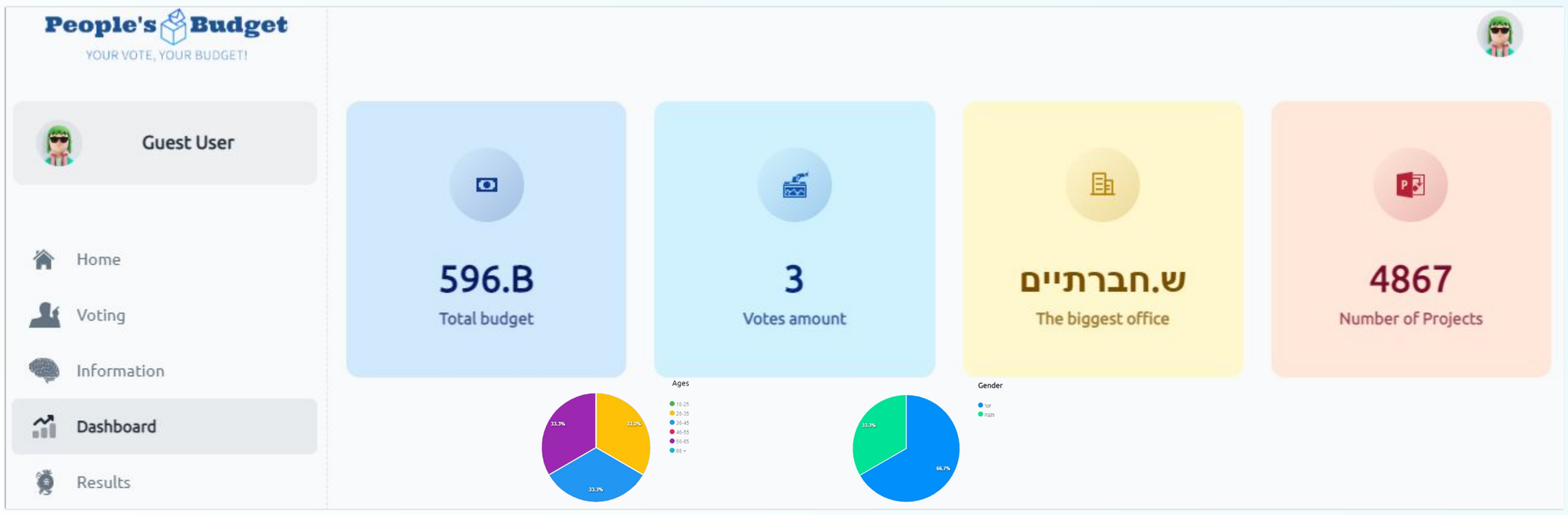




UX&UI

- Our design prioritizes simplicity, emphasizing ease of use and understanding.
- A Guest Mode to explore the system before signing up.





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