

ASSIGNMENT 1

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EPPS 6354

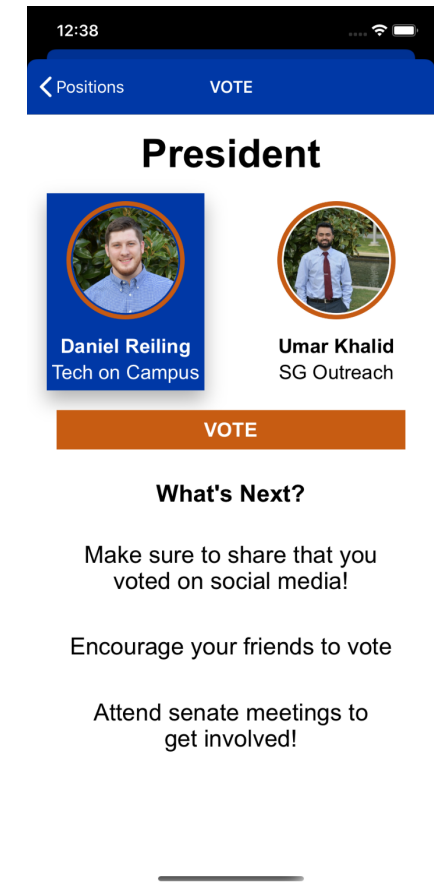
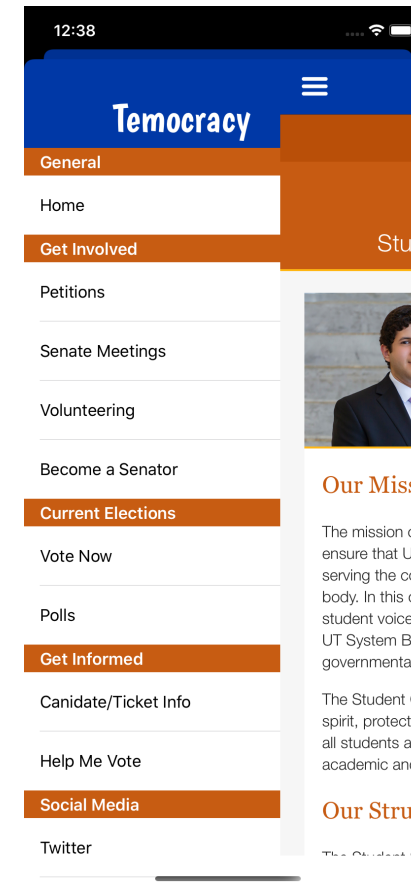
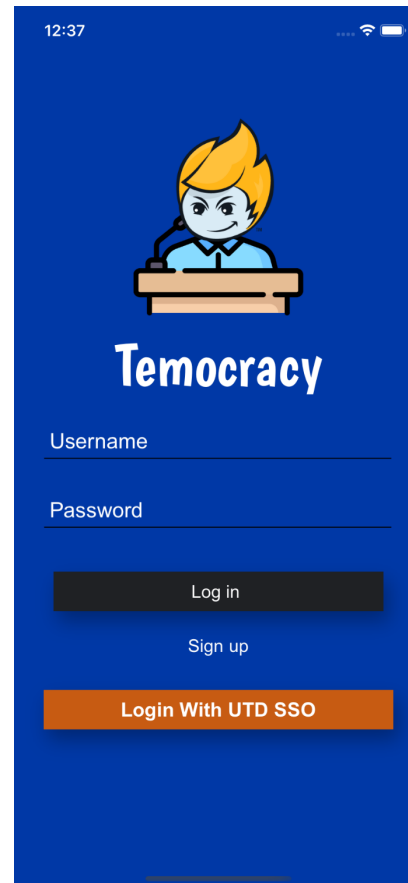
amazon



Temocracy

UTD Student Government App for candidate matching, voting, petitions, etc.

- All actions linked to student ID
- Mobile voting and petition sign-up
- Candidate matching based on personal causes




Food Waste Data

Collect accurate food waste data from restaurants & grocery stores via website.

- Current data is estimated from large studies
- Each establishment would log the quantity and type of food waste

F
W

WF store #1234



Type:

Quantity:


>

Citizen Clean


Community-driven cleanup organization via mobile app.

- Each user would have a profile that tracks the litter picked up
- Location element
- #trashtag
- Could be gameified

Citizen Clean



Batman



227⁺²

Citizen Clean

#trashtag



Before After

Tag Friends

4 bags ▼



Why Data Mining?

- We're analysts, not hoarders
- Although data can be collected efficiently, the data by itself won't tell us much
- Data mining techniques such as statistical models, machine learning, etc. can give valuable decision-making insights and predictions for businesses, organizations, and researchers