Dining Ballot Dapp

The following screenshots highlights the multiple components and their functionality.

1. Home Page:

Roles:

Chairperson: The chairperson of the Voting Council governs important operations of the app such as changing phases and managing the entire app.

Candidate: The entity that participates as a competitor. In our project a candidate is a dining restaurant on campus.

Voter: The entity that votes for the candidates. It can be a student, candidate itself and chairperson.

The home page has two main buttons that a Student or a Candidate can use to register.

2. Register as a Candidate: A participating candidate fills up the below form which is validated by the smart contract in the backend and once all conditions are met a candidate is added to the list of participants.

Candidate Registeration

Enter Candidate Address

FDA Approved

UB Permit

Months of Experience

Weekly Hours

Submit

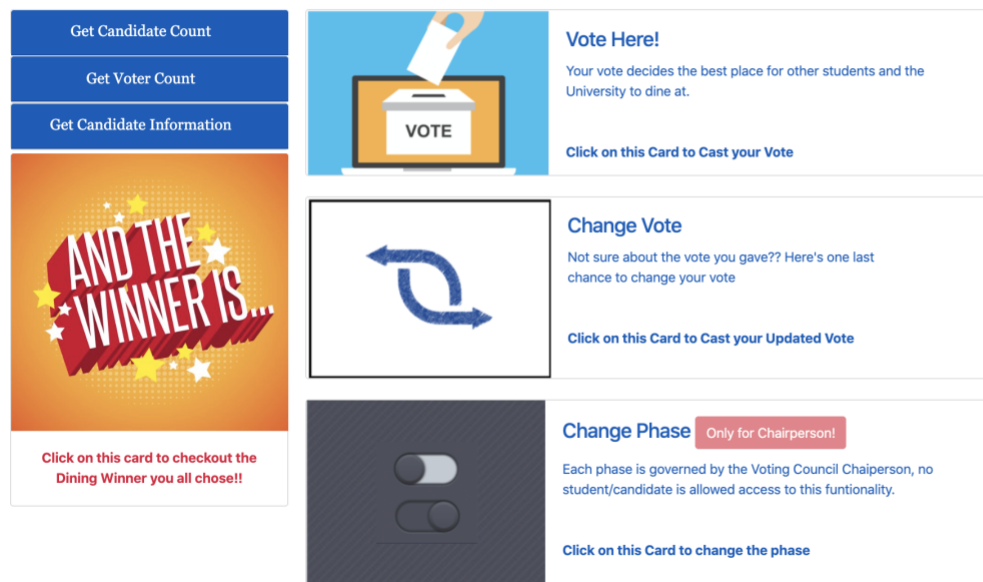3. Register as a Voter: A student fills up the below form and gets enrolled as a voter.
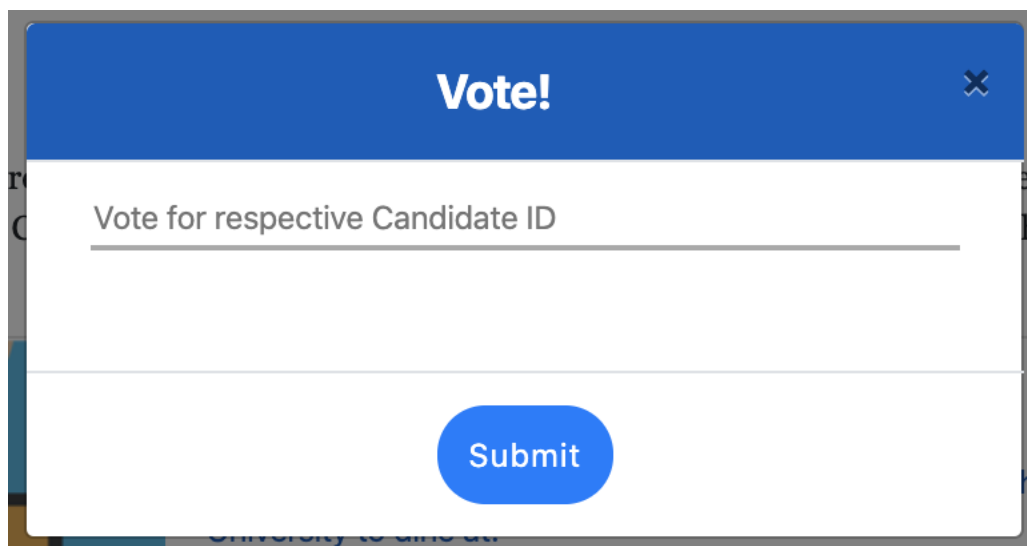
4. Dapp- body: Once a user moves further in the app, we see the app body that has different cards using which any registered user can vote, change vote, check candidate count and other available features.
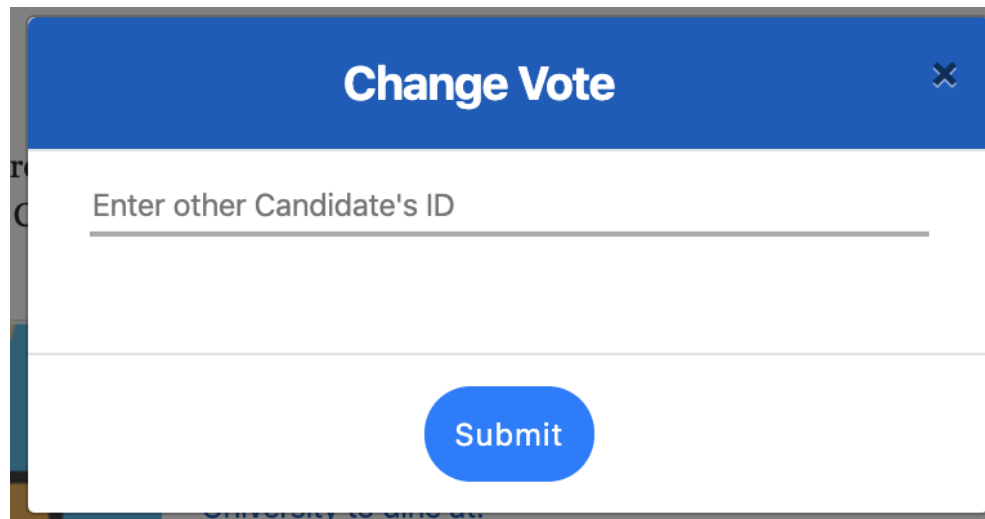
Welcome.

Dining Ballot is one of a kind online voting system Governed by super secure Blockchain Backend. Well how is it different than other voting methods? Simple, the votes you cast are not seen or even manipulated in anyway since the blockchain backend won't allow that. The Voting Council Chairperson governs all the phase activities and final disclosure of the result. So if you feel comfortable now go ahead and explore the page and don't forget to register and vote.

Get Candidate Count

Get Voter Count

Get Candidate Information

AND THE WINNER IS...

Click on this card to checkout the Dining Winner you all chose!!

Vote Here!
Your vote decides the best place for other students and the University to dine at.

Click on this Card to Cast your Vote

Change Vote
Not sure about the vote you gave?? Here's one last chance to change your vote

Click on this Card to Cast your Updated Vote

Change Phase Only for Chairperson!
Each phase is governed by the Voting Council Chaiperson, no student/candidate is allowed access to this funtionality.

Click on this Card to change the phase

5. Vote: The very first card on the page allows a voter to enter the candidate ID and vote by one simple click.

Vote!

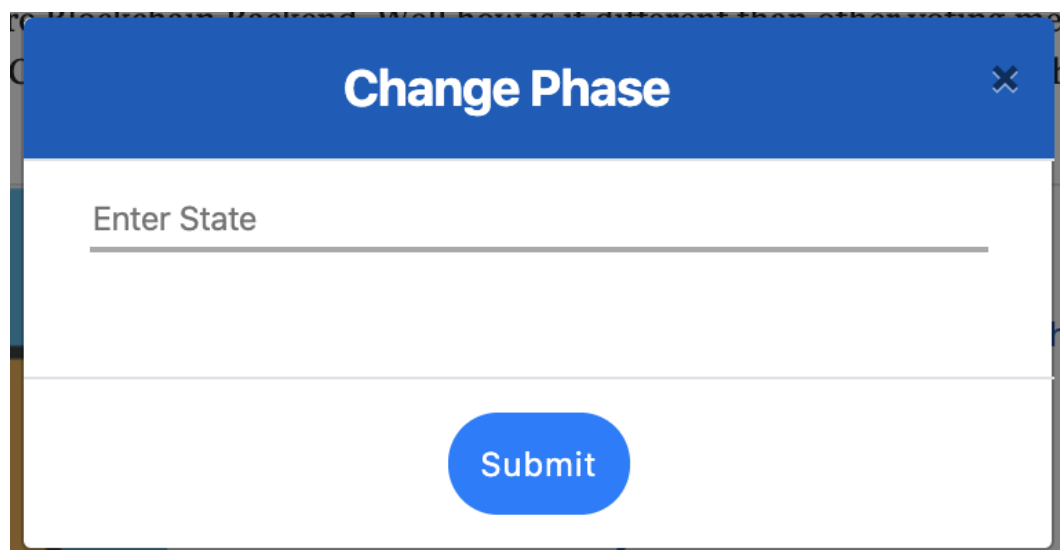Vote for respective Candidate ID

Submit

6. Change Vote: If a voter at any time feel like changing his vote, he can do it only once in the voting phase by selecting the change vote card on the Dapp-body.

Change Vote

Enter other Candidate's ID

Submit

7. Change Phase: All the process on site happens in phases, such as Register, Vote and Done. Only the Chairperson can change phases in the entire App.

Change Phase

Enter State

Submit

8. Get Candidate Count: Any user can check the candidate count by clicking the Get Candidate Count and get the total number of participants.

Get Candidate Count

0

Get Count

9. Get Voter Count: Any user can check number of voters by clicking the Get Voter Count and get the total number of voters.

Get Voter Count

0

Get Count

10. Get Candidate Information: To get details of a user one can enter the Candidate Id and get the details as shown in the below images.

11.   Winner Button: The final Phase of the Ballot is the Done phase where a user can click on the below card and get the name of the winner.