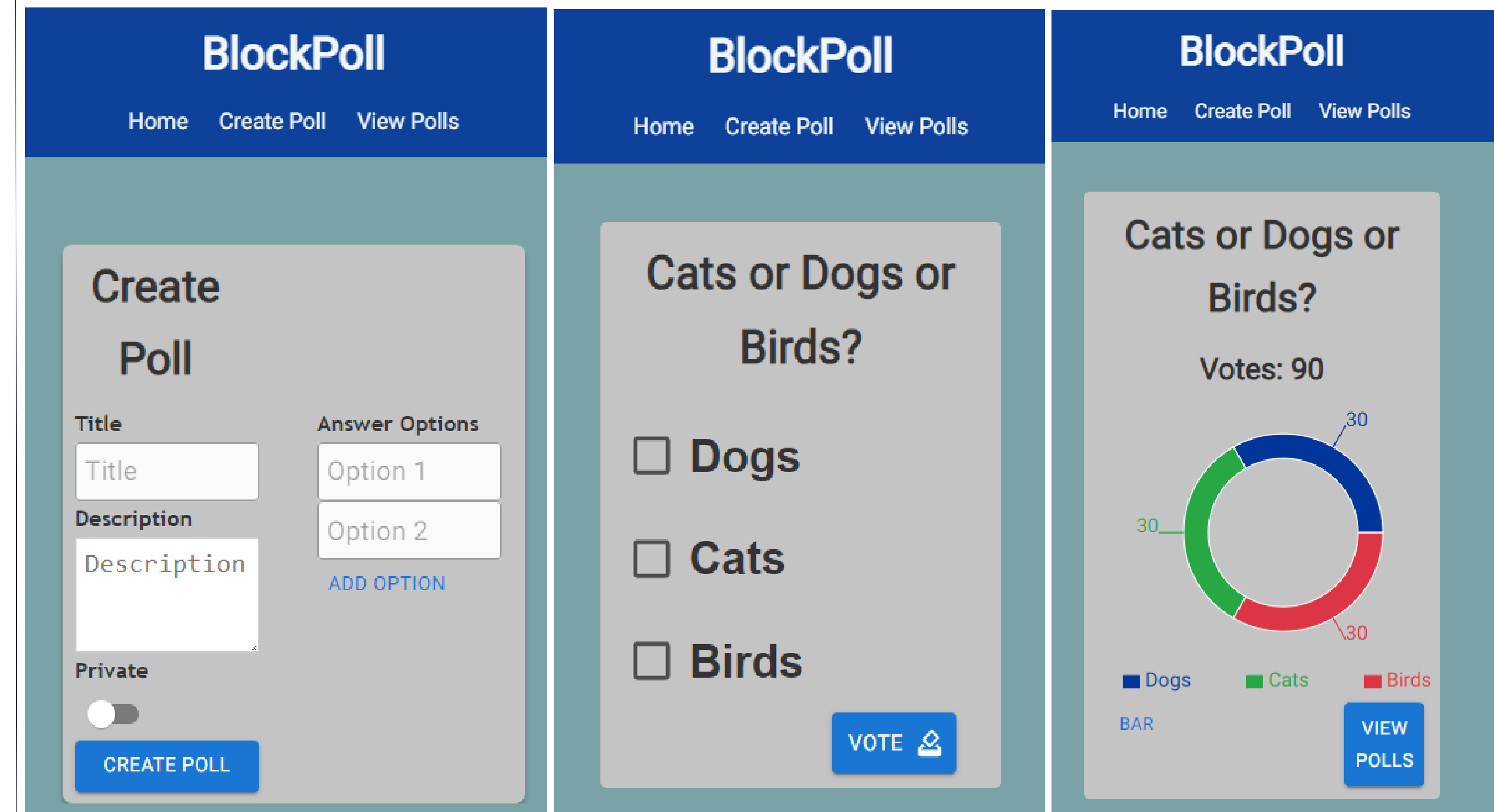


BlockPoll (9)

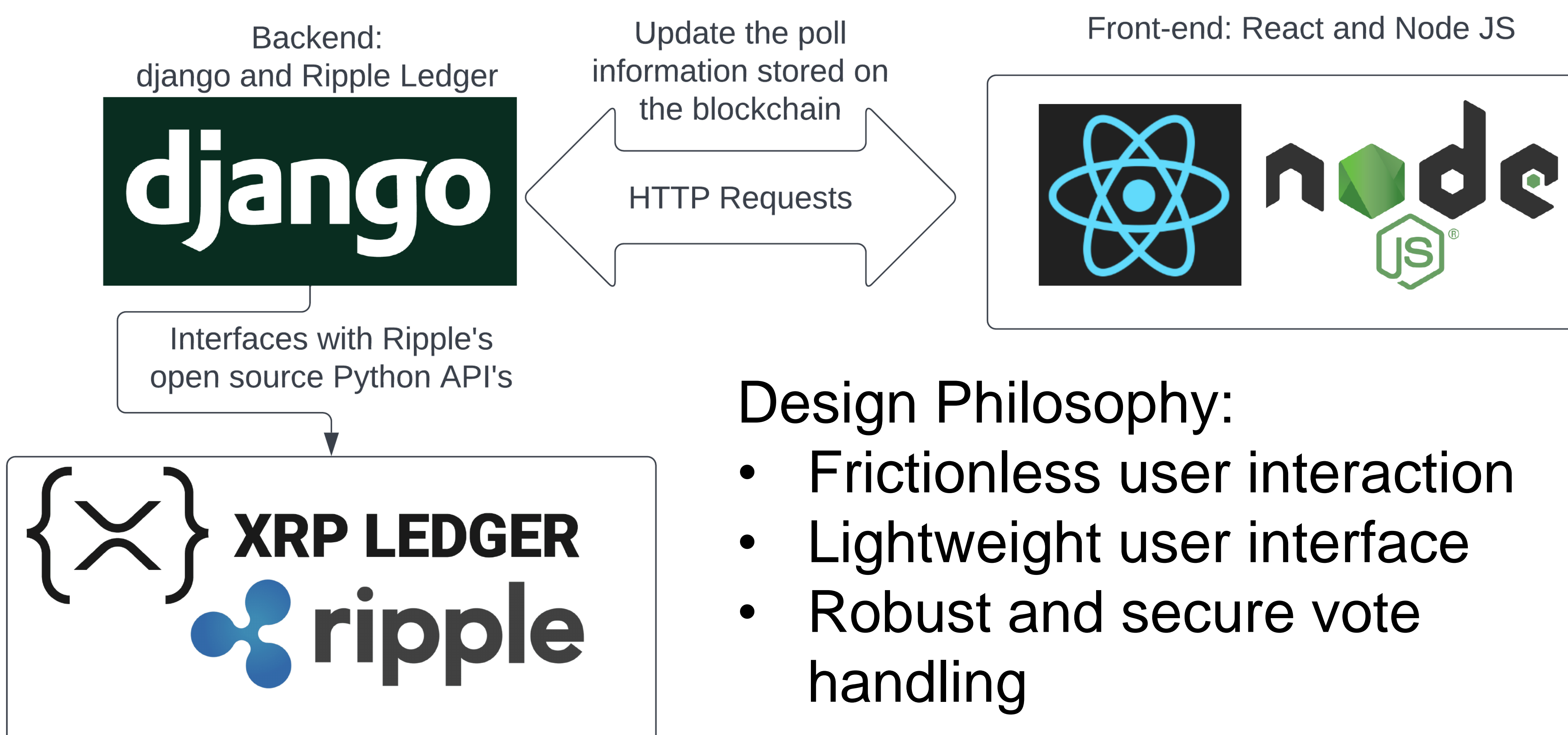
Kai Widman (CS), Jonathan Downs (CS), Javier Barea (CS), Lucas Brakenridge (CS), Tristan Gant (CS)

Description & Purpose

- BlockPoll is a blockchain-based online polling application.
- The primary interest of this project was to develop an application that allowed our team to explore the world of blockchain.
- Voting on the blockchain has the benefits of decentralization of a poll which allows for a tamper-free public record, ultimately leading to increased security and voter confidence.
- Anyone who wants to gather an online poll for any purpose can use our application to collect and view a poll that stores all of it's critical information on the blockchain.



Design



Ethical & Intellectual Property Issues

Ethical:

- Ramifications of mishandling votes could become very serious depending on the purpose of a poll. Expressing the exact capabilities of our security system to users is vital to ensuring safe use cases for users.
- Other than the security of the poll itself, there are no user-specific data concerns as each vote is anonymous.

Intellectual Property:

- With the use of open-source code, we had to ensure that our use was in accordance with any and all open-source licensing agreements.