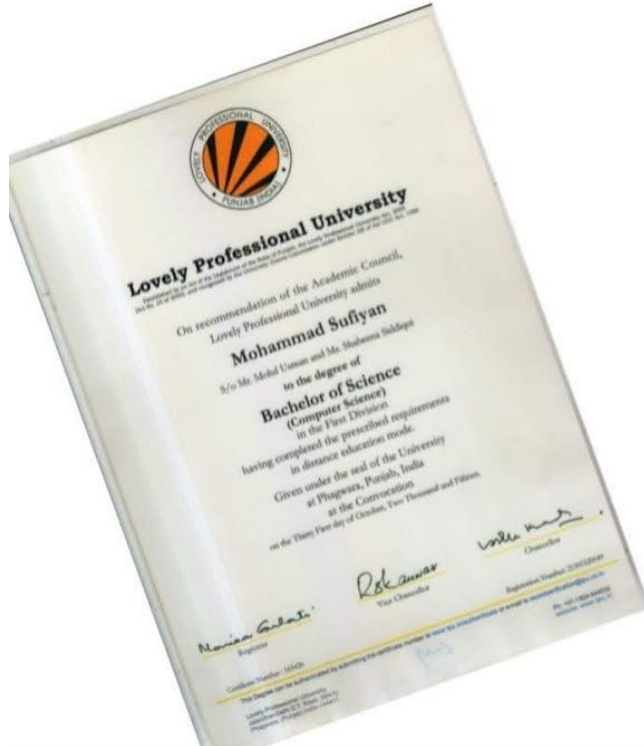# DiploCheck

A Dapp (decentralized app) that can issue and store OSU student diplomas on a blockchain

Inspiration

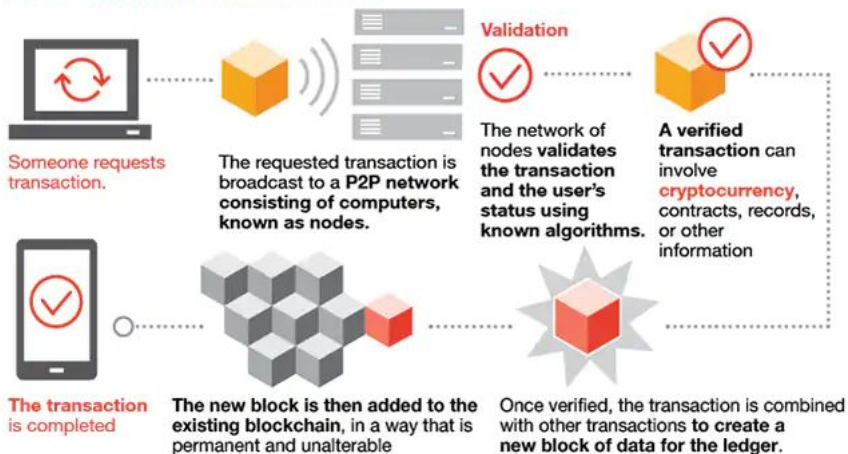# What does the project solve?

Step 1 of 5
Computing local hash [DONE]

Step 2 of 5
Fetching remote hash [DONE]

Step 3 of 5
Comparing local and remote hashes [DONE]

Step 4 of 5
Checking Merkle root [DONE]

Step 5 of 5
Checking receipt [DONE]

✓ VERIFIED

Public Key
1HYPitzbwR83M3Smw6GWs5XeQzBWoJAEes

Blockchain Address
4bf64ff1517554dac3496e9da0a28-
ca9ae492682b0898e384ea17e7f90ee1295

How the Ethereum Blockchain works

Typical VS Blockchain web development

Typical
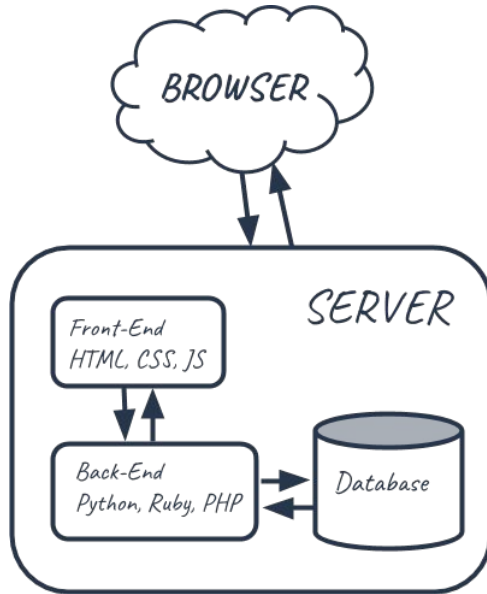
Blockchain
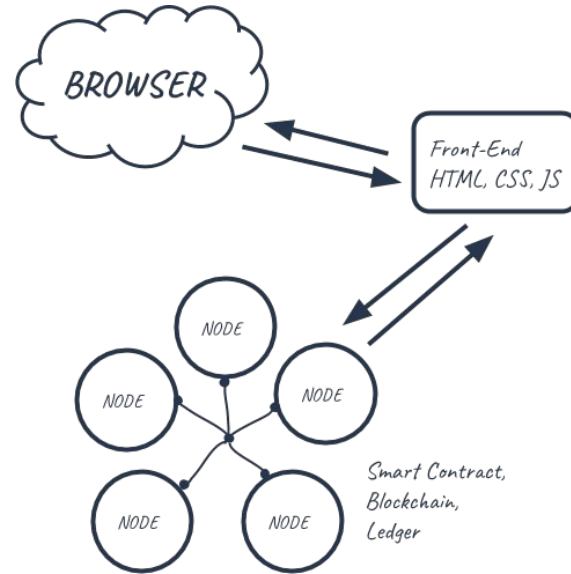
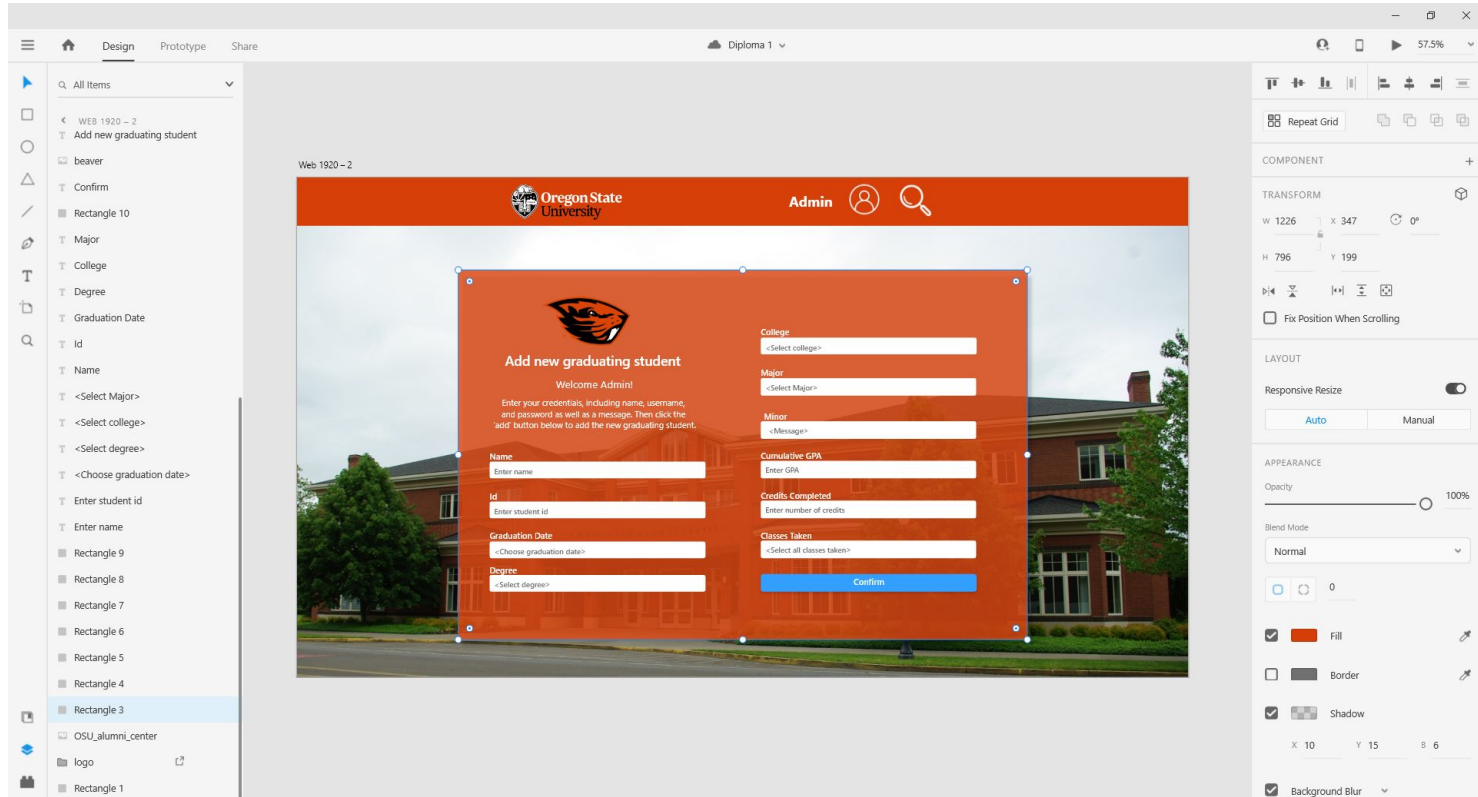# Blockchain Developer Tools
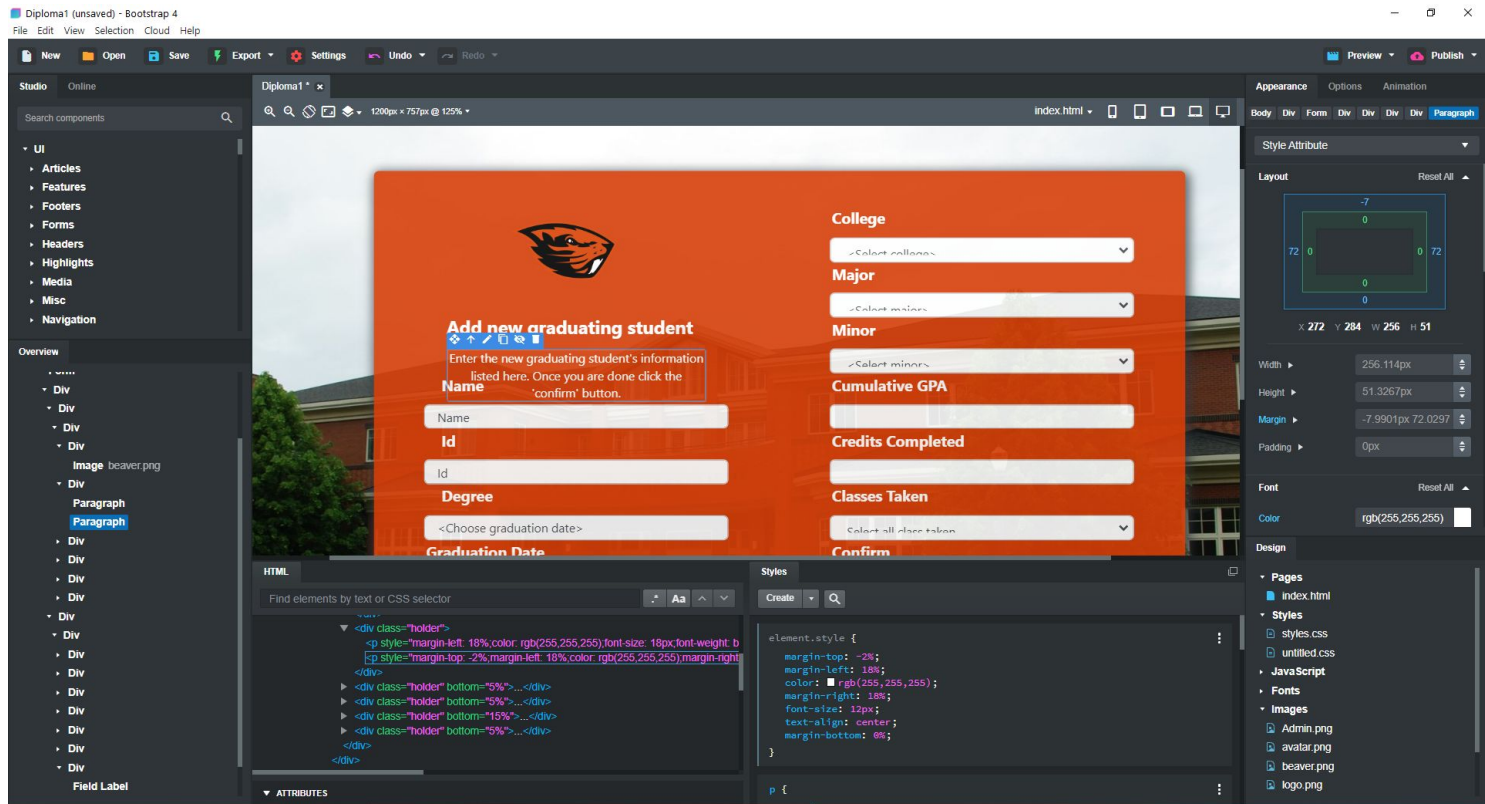

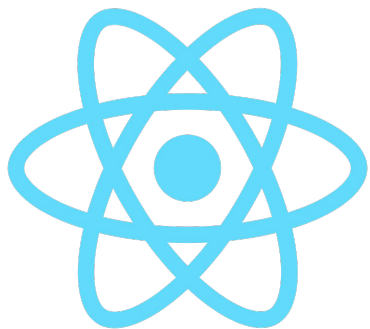
Ethereum

Ganache

TRUFFLE

Metamask

Adobe XD Design

Bootstrap Studio Design

Frontend tools

Future development