**Senior Design Project**

**Blockheads**

**Changes, Additions, Subtractions?**

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**Initial Idea, 8.30.2023**

One is called Cred and is an identity and credentials manager. It will be a phone app and a web interface that solves the problem of having all this identity and credentials only in paper form. It will be one place to store all a person’s IDs and credentials (e.g., college degrees). It will interact with federal and state agencies, universities, and other organizations in one of two ways: 1) through an API if they have one or 2) through a process to get the information through physical confirmation. It will use blockchain on the back end and will promote a person controlling the access to these items. This type of app is also called self-sovereign identity or SSI <https://en.wikipedia.org/wiki/Self-sovereign_identity> . This is a part of a larger project. Added: Megan, Selma, Kellen, and I are doing this one.

[**Self-sovereign identity**](https://en.wikipedia.org/wiki/Self-sovereign_identity)

Self-sovereign identity (SSI) is an approach to digital identity that gives individuals control over the information they use to prove who they are to websites, services, and applications across the web. Without SSI, individuals with persistent accounts (identities) across the internet must rely on a number of large identity providers, such as F...

