Text checkins

- Steve
    - Slowly recovering, starting to be able to work again
    - Been using https://www.perplexity.ai/ more – provides refs, self-checks
- JJ
    - Patent class is going well. While doing my first assignment, I found a labeling error for a product. This is interesting because the product listed 2 patents. One for the item and another for a different product that the company makes. Working with Professor to address this.
    - Watched the announcement of IronViz finalists (Tableau dashboarding contest) and noticed lots of wrong information. For one of the entries they linked to another person's project for 3 out of the 4 links. I contacted the finalist and congratulated them. She got back to me and is able to get it fixed. :)
    - Considering going to the Bellevue Linux User Group tonight.
- Donaldo
    - Setting up Spring semester, do more making and publishing stuff
    - Prep for the freeze, apartment insulation is a pain, getting some yards of fleece to cover windows
    - Fab25 conference is announced, chances of going myself is lowish, but I might send in a proposal
- Rebecca
    - Went to one of the first open house nights at the new makerspace! (initial one happened while I was out of town) It is exciting to be having them again.
    - Weather systems moving through my area left me not feeling well with a migraine, better now. Fortunate not to be in areas that are having weather related disasters
    - Thankful for learning about reflow soldering from Steve

Plan lineup for following weeks

- 14 Jan: Donaldo: Proof of Concept (grid-poc) User Story Mapping
    - Three repos:
        - grid-poc (throwaway code, we learn from this)
        - grid-cli (may turn into server daemon later)

- - - promisegrid (full grid node, runs in browser, etc.)
  - 21 Jan: Steve: grid-poc code
    - ratify hooks/docs for adding project(s) to MIT sandbox
    - decide how we'll reach out to Ramesh
    - possible model: "push/pull-less git"
    - decision to be made: is PG blob storage in git, or is PG blob storage in something else, and we interoperate with git?
  - 28 Jan: JJ: Interfaces in Go, mocking, etc.
  - 04 Feb: Steve: tentative: blue sky and the AT protocol
    - https://bsky.app/profile/stevegt.infrastructures.org
    - Possibly useful article https://anderegg.ca/2024/11/15/maybe-bluesky-has-won
    - Increased popularity of BlueSky is raising the awareness of the importance and utility of open source decentralized protocols
    - Likely will talk about some of the things we'll be using that atproto also uses (CBOR, DIDs, etc.)
  - TBD: Richard: LMS demo
    - Backup plan: debrief Decentralize AI Roundtable presentations
  - TBD: Donaldo: Blockchain Basics
  - Other User Stories
    - Virtual Desktops for collaboration
    - Education Platform for spaces
    - IoT for Makerspace management
      - Incentives to keep space/machines clean
    - Accounting software for a small business
      - This is essentially a GAAP, reporting, shipping, inventory, time tracking and scheduling, etc. layer on top of the low-level accounting bits. (including payroll is probably harder since it involves tax codes)
    - Lean implementation
    - An e-commerce website
      - Product pages are promises
        - Dynamic pricing matrix; qty, 10% for expedited shipping, etc.
      - Managing server load across 'good' and 'bad' client requests
    - The kv store, IPC, accounting, exchange rates, promise fulfillment chain of how the entire stack works as mentioned on 16 Jan in https://docs.google.com/document/d/1IQHU_rXrMLsclxlF_n77Lvym3k9C_c-rnOS5ZLB7XtM/edit?tab=t.0
  - What features do our primary users (makerspaces/SMB owners) need?
    - Related to Makerspace Business Models from IoP

User Story Mapping

Presentation (10-20 mins):
- Goals

- ○ Build a shared understanding of mission, vision, strategy, goals
- ○ Opportunity to discuss ideas, user experience, and possible features
- ○ A document to help onboard / discuss with others the direction of things
- ○ Encourage smaller releases and discourage over-building
- What is User Story mapping? Why is it useful?
  - ○ 🟨 CSWG Slide Deck, Grokker, Promise Grid
  - ○ A user story is an informal, general explanation of a software feature written from the perspective of the end user or customer.
    - ■ The purpose of a user story is to articulate how a piece of work will deliver a particular value back to the customer. Note that "customers" don't have to be external end users in the traditional sense, they can also be internal customers or colleagues within your organization who depend on your team.
  - ○ It involves breaking down a user's interactions with the product into a sequence of activities, tasks, and stories.
  - ○ IMPORTANT: Helpful/unhelpful to do this before kernel PoC is done?
    - ■ Steve sez we want end product to support VDI; a known critical-path use case
- Interactive session with Google Sheet
  - ○ 🟩 User Story Mapping
- A Proof of concept of Promise Grid as a rudimentary version control system
  - ○ https://chatgpt.com/share/e/6786fb6e-b318-800f-89aa-fb618acdf85d
  - ○ a decentralized git-compatible version control system
  - ○ a simpler, git-compatible service that takes the place of github, PRs, and issues
  - ○ an even simpler, git-compatible service that only takes the place of 'git push' and 'git pull'
  - ○ Steve points out that cloning is a git specific concept
    - ■ Some of the other ideas around what is specific to git or github vs decentralized are illustrative for pointing out what is different and useful about a decentralized git-compatible version control system

Reading (10-20 mins):
- ○ doc link(s) here

Feedback (30 mins):
- ○ presentation outline here (everyone interleaves Q&A in the outline)