2021-11-12 Meeting Notes

1. Introduction
2. Comment on the progress up until project pitch: Narrow down the scope (from feedback)
3. Comment on the agenda:
   a. Part 1: features (concepts):
      i. **Route visualization: generative art**.
      Question: how to feed the visuals (if we use them as Freets)?
      Each user will have a card of visuals for each trip, then feed the cards.
      Chris suggested nice-to-have feature: allow other users to add to art
   Future work:
      1. UX design: can use library for wireframe and style guide, such as Beautify
      2. and 3. CRUD:
         use BlueBike API (check what we can use, careful about privacy issues)
            a. generative art card --> similar concept to freets
            b. Maps: more web app or mobile app?
               Discussion with Chris: Mobile app are hard. Different framework.
               Web app is within the scope of the course. Get routes instead of
               live locations from BlueBike. Combine with google map API. We
               don't need to worry about location in a static web app.

      3. **Dummy data**: make dummy users. Database workshop tomorrow on
         MongoDB.
      4. Visualization: how interactive? Overlay with map and route. E.g. Stata
         building and home. Put icons near Stata to indicate popularity. Different
         icons for different location types.

   b. Part 2: Difficulties
Why are challenges and achievements not prioritized?
People are more into their own progress, such as trips. Challenges and achievements are
less useful for web app. Trips is the core. Profiles are collections of trips. Posts build the
community.
Chris' comment:
   ● Flash out the model trips. Start with it. Build from there. Iterate.
   ● Suggest not doing mobile app. React vs. Vue? Vue!
   ● Use Beautify and other library frameworks for css.
   ● MongoDB makes things persistent.
   ● Go to Arvin for data visualization advice.
   ● Location: get routes from BlueBike API (if available).
   ● Privacy: if a user doesn't want routes to be shared with someone?
      ○ Have a setting of friends (following & follower)?

- ○ Implement later. Keep in mind privacy and boundaries as we implement.
- **Figma**:
  Trips: if allow others to add on -- arrow pointing to itself -- edit/add on its own
  Posts: change author to user -- relation name: author
  User profile: user --> post (relation name: author)