

## Mentor Meeting 11/24

### Progress:

We've implemented our MVP, with the following being our main components:

- Models: User, Sheet, Note
- Views: index (similar to Fritter-register, login, user's homepage displaying their sheets), composer (displays piano and notes)
- Controllers: routes connecting models and views, front-end javascript files to allow user input into sheets

We've also deployed our working MVP to AWS. Functionality includes the following:

- Register a unique username and password -> stored in mongo database
- Sign in as a user with valid username and password
- Directs you to user's home page, where you can create new sheets and view existing sheets
- When you click on a sheet's name, directs you to the corresponding keyboard and sheet view
- Can click on sheet to create notes -> stored in mongo database
- Can delete notes by right clicking (or clicking with 2 fingers on a Mac) -> updated in mongo database
- Can play sheet music by clicking the play button
- Collaboration works but need to refresh page to display changes by other users

### Agenda:

Demo app so far

Go over plans for non-MVP

- Make real-time collaboration work without having to manually refresh
- Enable locking of notes feature for real-time collaboration
- Enable sharing of sheets
- Enable authentication of sheets so user can only access sheets they created and sheets shared with them
- add specs (methods and routes) & tests (all methods)

Questions

- RESTfulness of our implementation?
- Suggestions/feedback on UI?
- Should we store notes in each sheet so we don't call all notes & filter?

### Meeting Minutes:

Demo app

Locking-lesser worry

Validation and authentication for sharing would be good

/users/userid/sheets/ - get all sheets of a user (move to user routes)

/sheets/sheetID/ - getting a specific sheet from sheets resource

Make add collaborators a put? Not a big deal

Implementing delete sheet - use delete request

Delete collab - post request

Keep notes within sheets instead of having individual notes

Maybe add autocomplete

Add an indicator when playing music - scrolling or a moving line

Display name on sheet

Enable editing of sheet names

**Decisions Made/Alterations to Project Plan:**

- Decided to no longer implement locking of notes-not necessary since users can see right away the notes other users add/edit/delete
- Need to add set of notes to each sheet
- Make sure routes are RESTful-move route to get all sheets of a user to the user routes file