B Sharp
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Iteration 2 Plan

1. Android

    A. Log In
- 1. **Username**
  - a) required
- 2. **password**
  - a) required
- 3. **username exists in database**
- 4. **if username/password is invalid it throws an error message**
- 5. **If successful it goes to the user's list of bands they are in**

    B. View sheet music for a band they are in
- 1. **Can tap on a band to go to its page**
- 2. **The band page lists the music they can view and they can click one to view the PDF**

2. Adding Music (This is only allowed to be done by a Band Director)

    A. In Band Management -> Pieces click Upload Music
- 1. **Find the Files that are the different parts of a particular "Piece" (or song) and select their parent folder (a particular piece should be in its own folder containing all the parts for that Piece) and then click "OK"**
- 2. **The PDFs are listed with dropdowns, next to the file names, for the Instrument and Part Number associated with the PDF.**
  - a) **The director/uploader selects what Instrument and Part Number the PDF is for based off the name of the file**
  - b) **These are then used to match the PDF to the members who plays that part**
- 3. **The director then clicks "Submit" to finalize the Parts for the files**

3. Finalize Director-Level Access

    A. The "Band Management" section of a Band's Page should only be accessed by the Band's Directors (there can be multiple, the creator of the band is a Director and he/she can promote members when they are added into the band)
- 1. **Adding members to band**

2. **adding music to band**
3. **removing members from band**
4. **promote member to director status**
5. **editing "About Band" text**
6. **editing "Upcoming Events"**
   - B. **Directors can view all music added to the band but Members can only view the parts assigned to them**

4. Band Management
   - A. **Edit Upcoming Events**
   - B. **Edit Parts/Pieces**

5. Upload PDFs
   - A. **User can upload PDF files for their music sheets**
   - B. **The storage and organization of these on the server will be handled in PHP and MySQL**
   - C. **Users will then be able to label those PDFs for the different instruments and parts**

6. 3rd Party Authentication
   - A. **The users will be able to log in with Facebook**