B Sharp
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Link to Production Server:
[54.200.188.125](54.200.188.125)
Android App APK:
https://github.com/Ellyonia/DB-GUI/blob/master/Android%20App/BSharp/bin/BSharp.apk
All features from Iteration 2 Plan are completed I believe

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

```
+----------+-------------+---------+-----------------------+-------------+
| fname    | lname       | user_id | username              | password    |
+----------+-------------+---------+-----------------------+-------------+
| Kryss    | Linstromberg |       1 | csulosson@gmail.com   | testpassword |
| Nick     | Morris      |       2 | nmorris@smu.edu       | Herpderp    |
| Scooby   | Doo         |       3 | ruhroh@hotmail.com    | RAAGYROHSTS |
| Lara     | Croft       |       4 | lcroft@gmail.eu       | archaeology |
| John     | Doe         |       5 | anon@anon.anon        | WhoamI?     |
| Robert   | Stweart     |       6 | rcstweart@smu.edu     | H3llyeah    |
| Ryan     | Tanner      |       7 | mithranor@gmail.com   | password    |
| Cameron  | Keith       |       8 | ckeith@smu.edu        | hpcrew09    |
| Guy      | Cockrum     |       9 | gcockrum@smu.edu      | cockrum     |
| Cameron  | Keith       |      10 | camokeith@sbcglobal.net | narwhal   |
| Robert   | Stewart     |      11 | gondula123@live.com   | narwhal     |
+----------+-------------+---------+-----------------------+-------------+
11 rows in set (0.00 sec)
```