**Progress Report**

**- Increment 1 -**

**Group #3**

# Team Members

*Please write the* ***name*** *of all the team members, their* ***FSU IDs****, and* ***GitHub IDs*** *here.*

Steven Knudson, slk16d, SKnudson13

Eliot Shea, es16b, eliotshea

Noal Gesler, ntg16, NoalGesler

1. **Project Title and Description**

WeShed, jazz practice web app, displays sheet music (“lead sheet”) and provides a backing track to allow musicians to practice improvising over.

1. **Accomplishments and overall project status during this increment**

We have accomplished many of the core features of the project such as user authentication and a dynamic interface for displaying lead sheets and backing tracks*.*

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

A challenge we encountered during this increment was dealing with the login persistence. We thought it would trivial to use an API to keep persistence, however, it quickly turned into a many stage process. This was not efficient for readability or performance, so we scrapped the idea of using an API and custom implemented the login system with cookies and encryption.  
  
The front end development went mostly according to plan. One area where we experienced trouble was integrating all our work together for the final increment demo. Some of us chose to work initially in their own create-react-app directory as we were having trouble resolving dependency issues, and when we added everything together it turned out there was some overlap in what we had done. This issue was later resolved in a group meeting, as any dependency problems were solved and all individual parts ran cohesively together.

1. **Team Member Contribution for this increment**

*Please list each individual member and their contributions to* ***each of the deliverables in this increment*** *(be as detailed as possible). In other words, describe the contribution of each team member to:*

* 1. *the* ***progress report****, including the sections they wrote or contributed to*
  2. *the* ***requirements and design document****, including the sections they wrote or contributed to*
  3. *the* ***implementation and testing document****, including the sections they wrote or contributed to*
  4. *the* ***source code*** *(be detailed about* ***which*** *parts of the system each team member contributed to and* ***how****)*
  5. *the* ***video or presentation***

Steven Knudson

1. I contributed to parts 1, 4, and 5.
2. I contributed to part 5 Sequence Diagrams: Create User, Login, and Add Song. In addition, I contributed to part 5 database schema and part 7.
3. I contributed to part 1 and 2. Part 2 was partially contributed to – I did Back End Packages and explained the database.
4. I implemented the login and registration system as well as encryption for passwords and cookie tokens. Through this, I setup backend receiver functions via mapping.js and used fetches on the front-end. I helped with the implementation of songs by providing a listener and fetch function.
5. I explained how cookies work and what our future priorities are as well as the challenges I faced in the project and why we decided to scrap passport.js for the login system.

Eliot Shea:

1. Contributed to all parts of the progress report.
2. Contributed to 1,2, 5 and 6 of the Requirements and Design Document. Made the sequence diagrams for Play Song, Make Playlist, and Issue Challenge.
3. Contributed to part 2 of the Implementation and testing document.
4. I contributed mostly to the file Songs.js, and App.css. My contributions in other areas are mostly trivial. In Songs.js I implemented a dynamic display of lead sheet resources with a rudimentary time tracking feature. In App.css I made some simple styling that applies to the header/nav bar on the page.
5. Did a large portion of the talking in the video, the video was recorded on my phone and posted on my account.

Noal Gesler:

1. Contributed to parts 1, 4, and 5.
2. Contributed to part 3 and part 5 Sequence Diagrams: Friend Request, View Achievements, Accept Challenge.
3. Contributed to parts 3 and 4 of the Implementation and Testing document.
4. Contributed to a lot of the front end visual UI, including a login page (Loginpage.js) that was later merged with our current backend login system (Login.js) to make it functional, as well as what is currently implemented of a very basic home page for users upon log in (Homepage.js)
5. Contributed in talking about my front end UI development and how it was developed, as well as demoing the software on the computer that was displayed.
6. **Plans for the next increment**

For the next increment, our biggest goals are making user playlists, implementing a friends list, and implementing time tracking into our database.

1. **Link to video**

https://youtu.be/b-vxiY7gIrE