Project Outline

Activity #1

Group Members:

- Alok Paranjape
- Nicolas Ansell
- Simran Brar

Northstar Customers:

Our main focus is on the members of Regina Mandolin Orchestra, almost all of our efforts are for meeting their needs.

Carryover Customers:

Students being taught by the RMO, because if we meet the needs of current RMO members, it will be easier for potential future RMO members.

Summarized Project Background & Business Opportunity:

The Regina Mandolin Orchestra(RMO) founded in 1988 is currently one of the largest folk orchestras in the Country, they are made up of 26 members and 10 students all of different skill levels. They currently maintain a website with a public and members-only component and are currently looking into website solutions that suit their changing communication and organizational needs. The RMO are for something that is more user-friendly and easier to maintain while also keeping in mind security and access control.

Project Assumptions:

- Using Wordpress for creating the site, StoriesOnBoard for USM, Figma for prototyping, Mural for Graphs and Diagrams

Project Constraints:

- Website must be easy to use- low threshold, and easily understandable
- Must be reasonable amount of work to complete within our given timeframe
- Mindful of RMO budget, as a non-profit organization

- Will not be able to test multiple test versions of website and technologies with RMO, need to select one prototype and focus on it

- Time:
  - We only have a certain amount of time to work on the project, especially in regards to the two week sprint
- Risk:
  - A lot of features were proposed by the RMO members, so there's a risk of scope creep
  - As developers, we're new to Wordpress, so there's a chance of not being able to meet those demands using it
- Quality:
  - Due to COVID, and only a couple dedicated in-person meetings a week, we're at risk lacking communication
  - Because of our inexperience with the technology, we may have to change our plans depending on how possible it is for us to actually implement them.

Summarized customer notes:

- Features Mentioned by Customers:
  - Distribution for PDFs of new music, divided into sections
  - Individualized Passwords and accounts
  - Corner of website for the conductor, for sending music to everyone
  - Distributing music warmup exercises as well
  - Either making a more accessible mailing list (and other personal info), or possibly stepping away from email completely and sending members notifications through the website
  - Playable recordings of RMO for practicing with
  - Part of the website for section leaders to write notes about currently played music
  - Sorting newsletters by most recent first
  - Sorting other information by most recent as well, such as the archival photos
  - Part of the website for instructors and students, similar to section leaders
  - Linking to the google calendar
  - Simplified navigation
  - Changes to public part site (probably low priority, they want us to focus on the members only part)
  - Simple and efficient file upload system (if we are going to have to files all on the site)
  - Need to be able to edit current sheet music and update the version with an annotated one
- Notes on reactions to presenting on the 16th
  - Multiple accounts with admin privilege - Site manager, conductor, section leaders
  - Want admins as only ones who can switch user's roles
  - Like the idea of randomly made account token to prevent unknown users
  - Another option for sign up is to send users a one time link to sign up
  - Want exercises grouped like sheet music
  - Like the file tagging idea, will need to figure out how to do it correctly
  - Unsure about public information page, maybe find some way for users to control how much information is shown
  - Want users to have a personal introduction page, possibly a video like for this class
  - Emphasized that they would not like to spend a lot of time for site administration so simplified site management is important

- Recycle christmas music often, gig/regular season pieces may be repeated
- Would like audio recording paired with music sheets, alongside anointed music sheets
- Date and time stamps on files
- Would like music sheets grouped in folders by year, season, gig, etc
- Have 4-5 student groups at a time and would like to utilize the website to supplement learning
- Do not currently record practices, but do utilize Sibelius files and would like to continue to use them, their current Sibelius software will not be supported soon
- Mentioned that a chat function would help their communication
- Trust their members to only upload relevant documents, videos, etc
- Would like the ability to toggle notifications on and off for individual members; notifications in the form of emails
- There isn't a need to develop minute keeping beyond how current website already handles it
- Would also like a search function for music sheets
- Considered selling tickets on this website, might be difficult to set up?- currently sell ticket and other merchandise on external websites