**A/V Accessibility Research Project**

**Design and Development Roadmap**

1. **Development**
   1. **Database**
      1. Add images, video and audio file to images folder
      2. Create the database and enter the information of the content in the required columns.
      3. Provide a connect.php file to connect to the database.
      4. Create sql query in function.php to extract required information.
      5. Create the dataminer.js file to handle errors and provide information.
   2. **Javascript**
      1. Create Vue component to place the information of the content on the site from the database.
      2. Keep two separate templates for placing Images and Videos.
      3. Within the template for videos, set the player controls.
      4. Give a name to the component
      5. Place classes and ids in templates to add style.
      6. Use vue router-link to redirect to relevant content when clicking thumbnail
      7. Import everything into main.js.
      8. Mount the app to the ‘main’ in index.html
   3. **HTML**
      1. Create a basic HTML page.
      2. Link Vue Script and javascript file.
      3. Link the master.css file to be used with SASS.
      4. Mount the app to the ‘main’ (Look “b / viii”)
2. **Design**
   1. **SCSS**
      1. Create a master.scss file.
      2. Create an \_filedetail.scss file inside the Components folder. And import this file into master.scss.
      3. Watch the SCSS file to the CSS folder
      4. Style it appropriately and simply.
         1. Enlarge the thumbnails of the three content options to cover the homepage and center them evenly.
         2. Provide a purple-black gradient for all pages.
         3. Add a shadow hover to make the thumbnails interactive.
         4. Match the colors of the player controls to the page designs.