Requirements (MOSCOW)

Front End:
- Playstyles (M)
- User rates the exhibit (S)
- Link to further information about play/podcast (M)
- Keep track of clicks to an exhibit (S)
- Way to collect kids age (M)
- Option to capture a moment (S)
- Support multiple language (M)
- Admin GUI (M)
  a. Login page (M)
  b. Exhibit editor (M)
     i. Title(M)
     ii. Photo (M)
     iii. Desc. (M)
     iv. Option to hide exhibit (S)
- User GUI(M)
  a. Exhibits Page(M)
     i. Exhibit(M)
     ii. Playstyles(M)
     iii. Activity(C)
  b. Playstyles Page(M)
     i. Activity(C)

Backend:
- Database (M)
  a. Exhibits table (M)
  b. More info table (M)
  c. Table for picture/capture a moment (S)
  d. Impression data table (S)
     i. Visual Representation (C)
- Link to website from database (M)
- Admin Safeguards when editing exhibits (M)
  a. Audit log (S)
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Physical:
- QR codes to move through the website (S)
- Marketing Documentation (M)

Non-functional:
- Support many users at once (M)

Implementation:
- User training (M)

Trello Link :https://trello.com/invite/b/rNllGzLp/ATTI5bffd06777c170613576b3350fafb443F7C50B70/children-museum

Uml Diagrams:

Activity diagram for Admin screen

https://lucid.app/lucidchart/7280d27e-0377-4d72-8a43-4b9784b6b0db/edit?viewport_loc=-1092%2C281%2C4421%2C2054%2C0_0&invitationId=inv_8d576489-538e-43f4-b33c-9c004ba53006

Basic class diagram for admin

https://lucid.app/lucidchart/23f58797-3d4d-4535-85e1-fa825fcfce9b/edit?viewport_loc=4%2C-109%2C2339%2C1193%2CHWEp-vi-RSFO&invitationId=inv_499df35e-b8c1-4bd0-8f18-f03bb25dde41

REACT:
> ***USEEFFECT***
> ***USESTATE***
> ***PROPS***

Mern Stack

Database 1 - Admin

-Exhibit Schema

-Activity Schema

Database 2 - Guest data

How to format?

EXAMPLE OF USESTATE + USEEFFECT TO GET INFO FROM BACKEND

```
const [bayday, setbayday] = useState({});
//bayday is the var, setbayday changes bayday value to the json values
//returned by req
//the json data in bayday can then be passed into "props" of another react
//component. So this for example could put content in a popup when an
//exhibit is clicked


  useEffect(()=>{
    axios
      .get(`https://ptb-api.vercel.app`)
      .then((res) => {
        setbayday(res.data);
        setrender(true);
      })
      .catch((err) => {
        console.log('Error from axios');
      });
  },[]);
```