



Knight Foundation School of Computing & Information Sciences

Spring 2024 Capstone II Project

Auditory Training App

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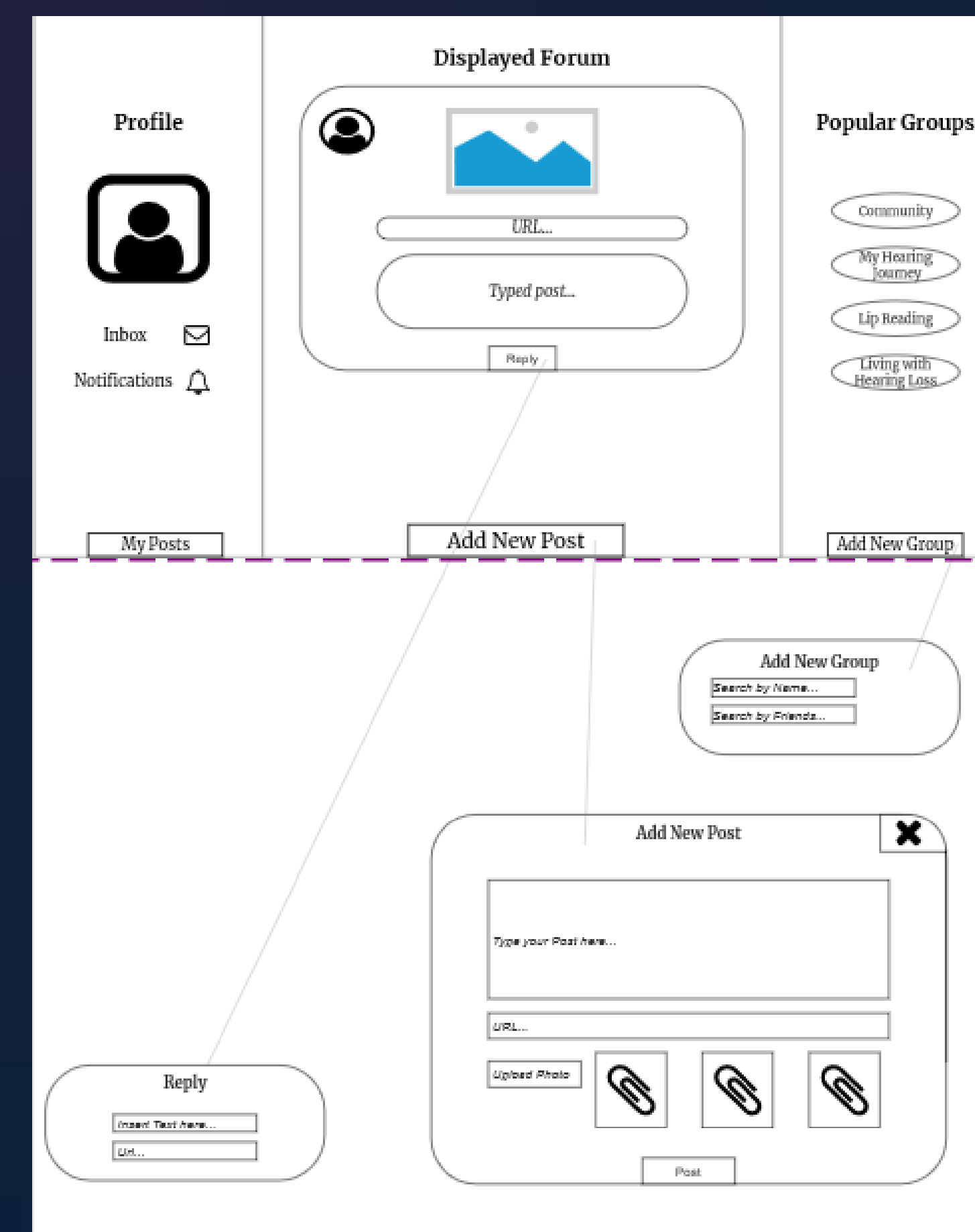
PROBLEM

Mission Audition tackles the problem of unengaging auditory training exercises in current applications for cochlear implant users. The lack of user engagement made the process monotonous and as such inefficient. In addition to this the app had outdated social features and an unrefined user interface making user engagement with the app strenuous.

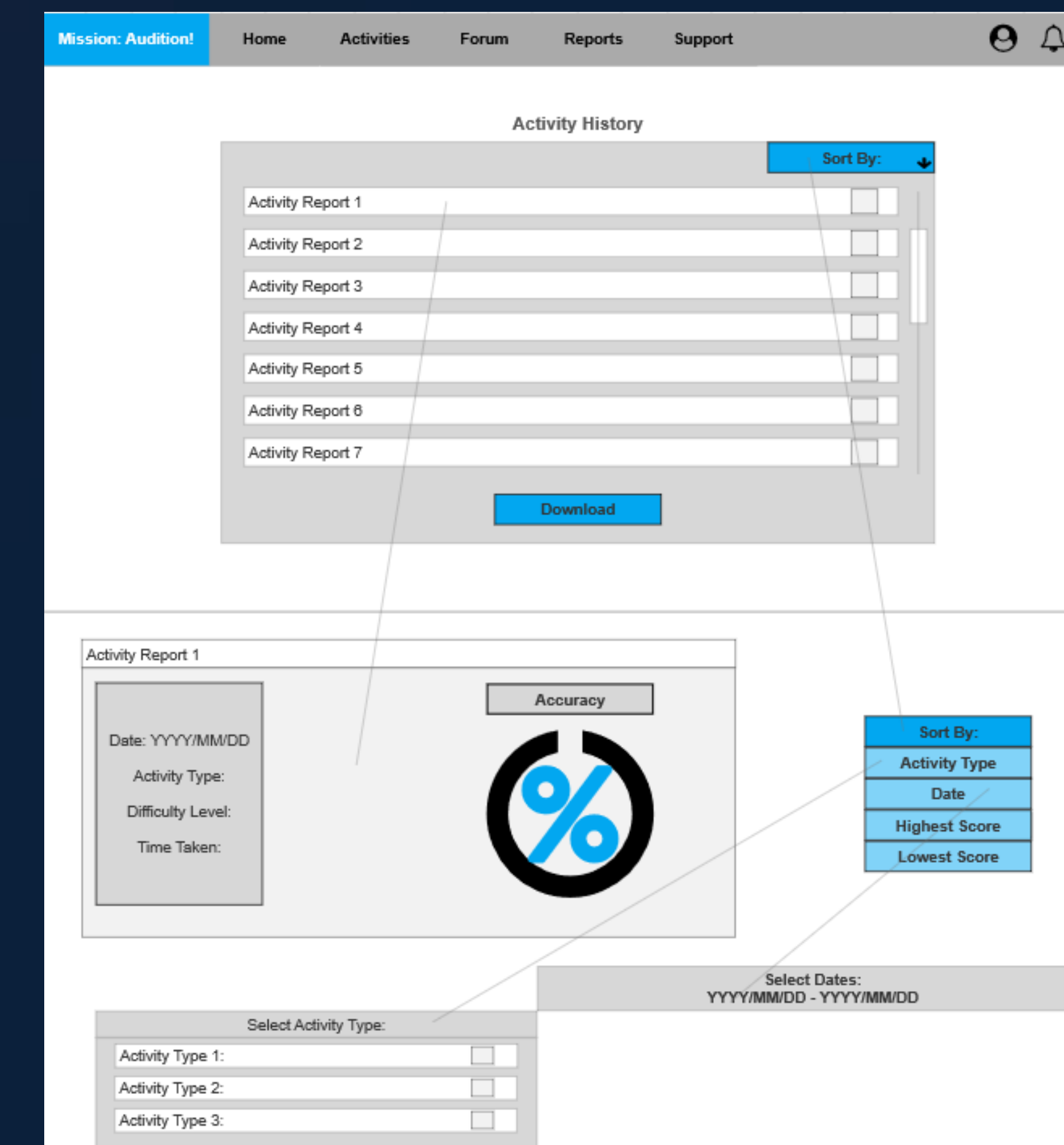
CURRENT SYSTEM

The New UI and social features are designed to be more in line with the industry standard. This makes it more accessible to users using the app for the first time. The Forum now allows users to post to the forum with files. The app did not have any way to record progress or store previous attempts so a page in which that could be implemented for a user to see and export.

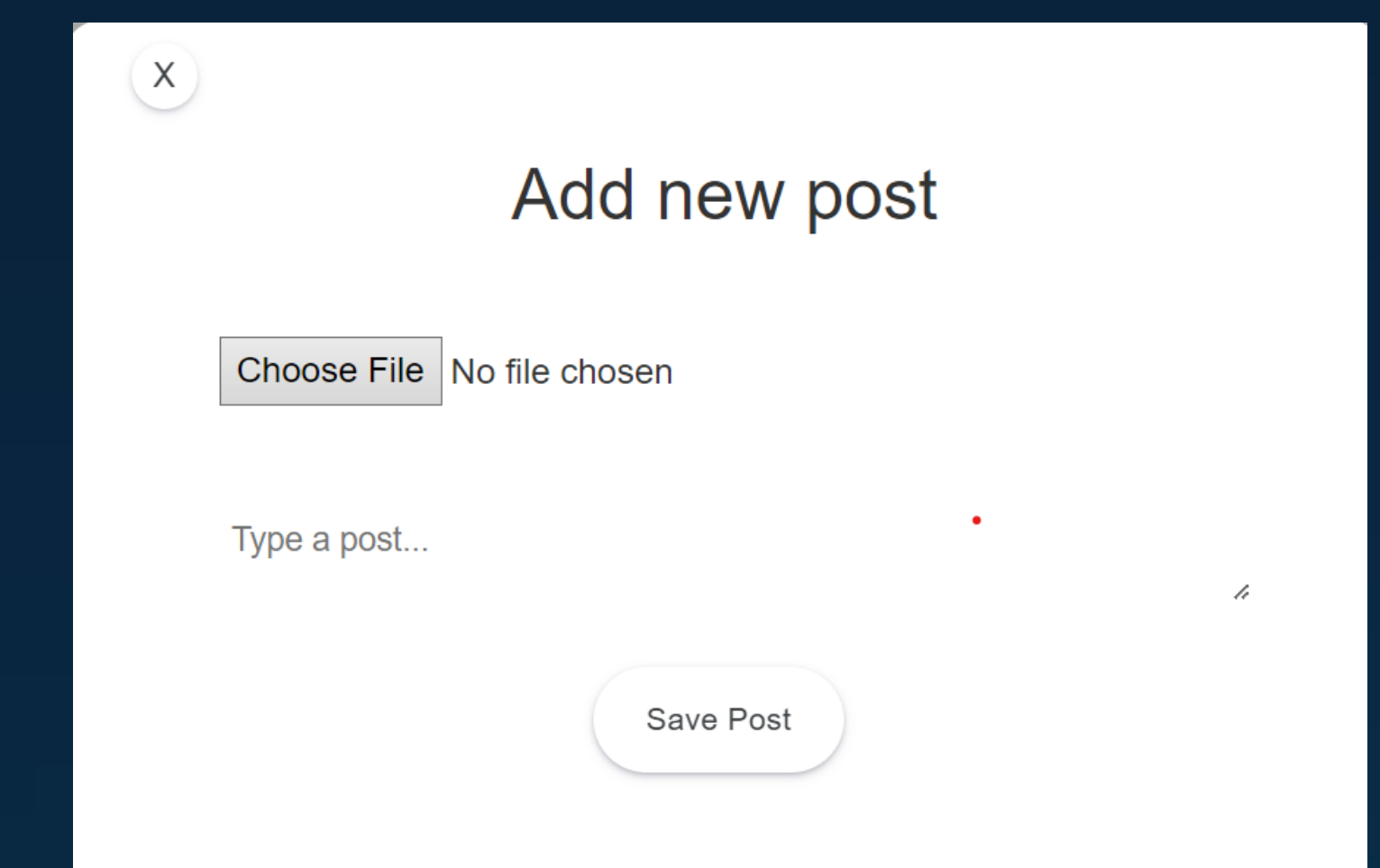
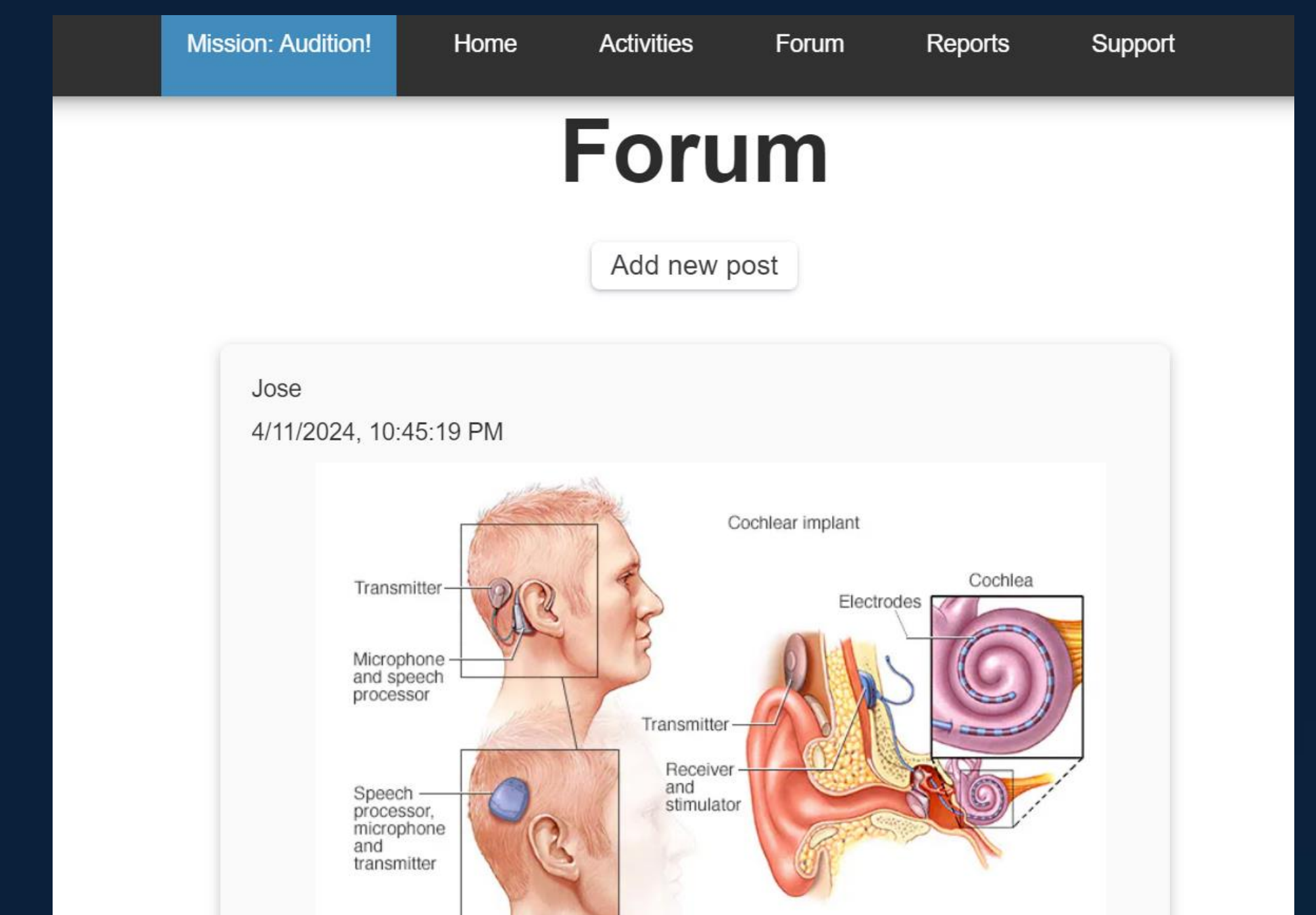
“FORUM” DESIGN



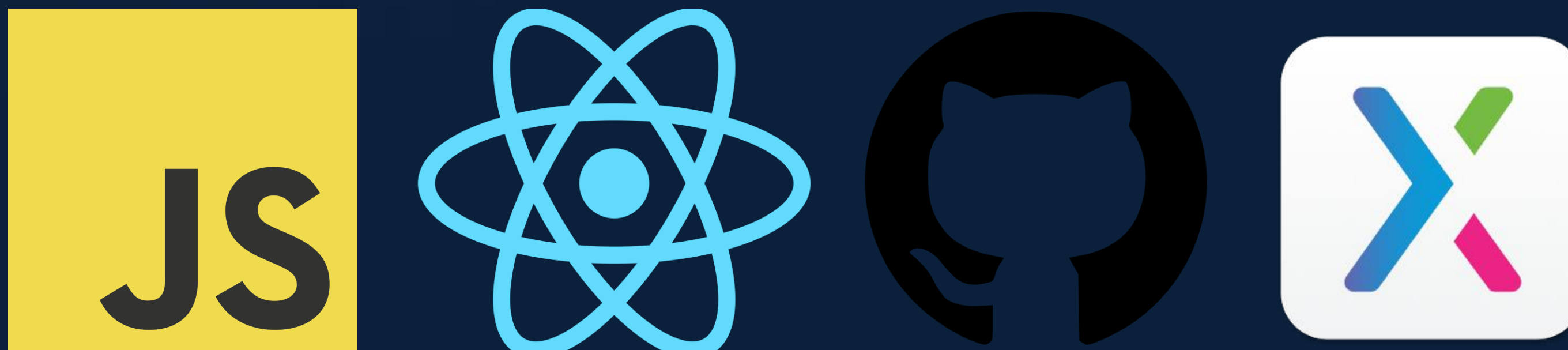
“REPORTS” DESIGN



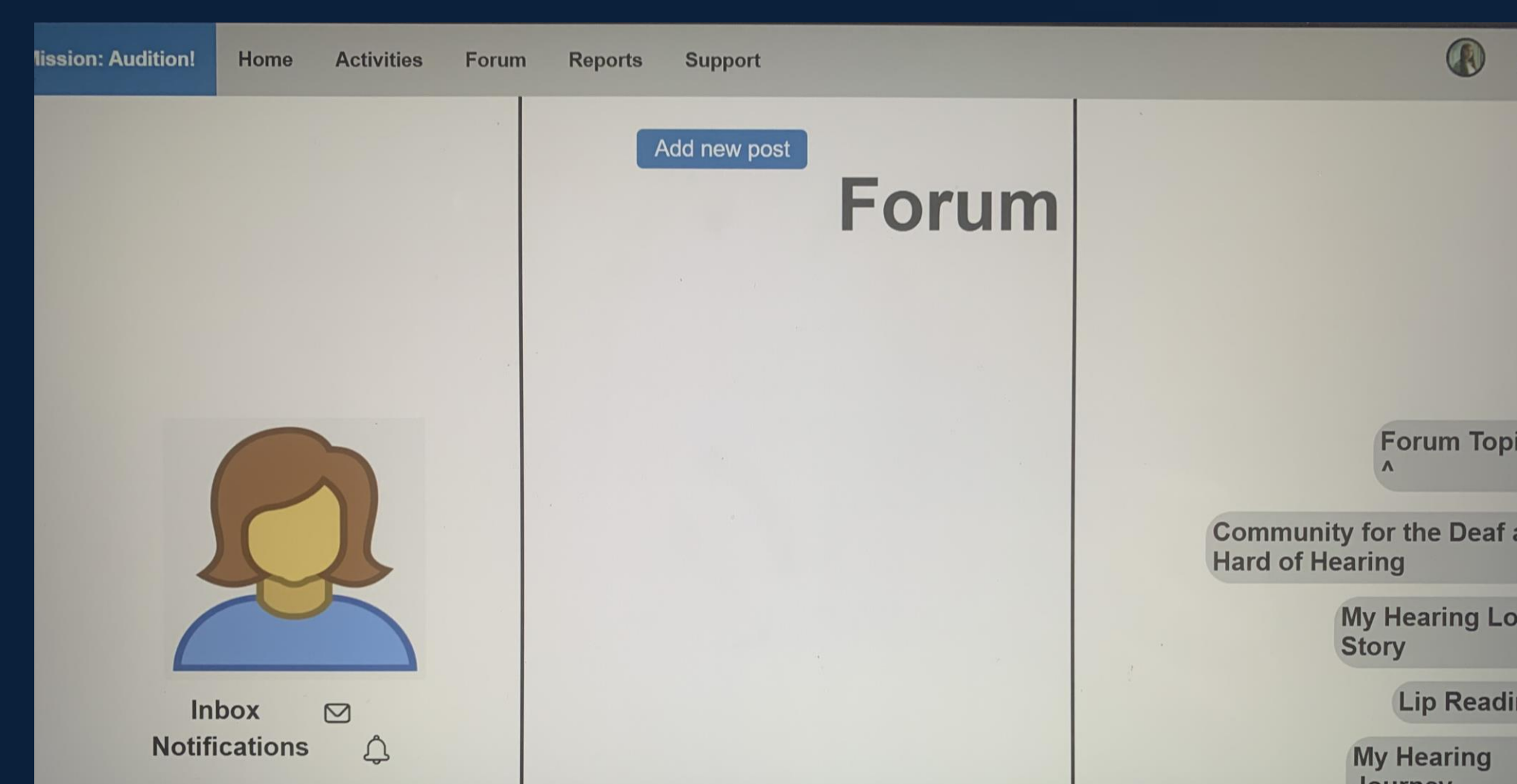
IMPLEMENTATION (UPDATES)



Technologies Used



BEFORE



SUMMARY

The changes made to the app were all done in the hope of making the app more intuitive and easier to work with. The hope is to have the social features be refined to a point of it being compared to that of a social media where users learning to hear can share their experiences or questions with others.



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ACKNOWLEDGEMENT

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