Criterion E: Evaluation

Success Criteria:

#	Main	Subsections
1	Allow overseer users to manipulate intern data	a. Overseer can search for intern b. Overseer can edit comments, years of experience, classroom, and name of intern
2	Allow interns to manipulate student data	a. Intern can search for student b. Intern can edit comments, classroom, and name of student c. Interns can add a new student with specified fields d. Interns can delete a student
3	Enable users to view comments from overseers in their own account	
4	Create suggestion tree to help overseers comment on intern performance	a. Small suggestion tree if intern has 1 year of experience b. Large suggestion tree if intern has more than 1 year of experience
5	Enable account creation for intern	
6	Enable log-in and log-out for all users with proper error handling	
7	Clean user interface for optimal intern and overseer experience	

Evaluation:

Criterion	Main
1	By logging in as an overseer and successfully searching for an intern in the database and an intern not in the database, my client and I found that the correct intern data only displayed when the intern was in the database. We edited intern data too and checked whether the data of the intern upon search changed (twice). My client and I found that my project met this criterion.
2	By searching for multiple student names (those in and not in the database) as a logged-in intern, we found that correct student data displayed when the student was in the database. We also validated by testing editing different fields on different students, adding students, and deleting students (who didn't show up subsequently when searched for) tested this on two different logged-in intern accounts. We specifically made sure to edit all fields on at least one student, and edit not all fields on at least one student, to make sure the data display worked. My client and I found that my project met this criterion.
3	We logged in as two different interns, and we were able to see the data of the intern in a neat data display. We updated the intern data logged-in as an overseer to ascertain that the intern screen updated, and it did once we logged back in. We found that my project met this criterion.
4	We searched for an intern and then checked the suggestions for this specific intern. This specific intern had one year of experience, and had a shorter tree without "Preparation evident in delivery" or "Good Hindi Assimilation?" We edited the intern's years of experience to three, and then found that these elements were part of the tree. Hence, my client and I found that my project met this criterion.
5	We assessed this criterion by creating an account as an intern, checking for different error messages such as empty fields, a password shorter than six characters, an invalid email, and non-matching password fields. Then, we checked Firebase and found that the account was created successfully. My client and I found that my project met this criterion.
6	To check this criterion, my client and I attempted to log-in with different incorrect username and password combos, an invalid email, and a password shorter than 6 characters, successfully triggering all the error messages. Then, we attempted a valid log-in as an intern without filling out the admin field, and we were able to see the intern functionality. Then, we tried to log-in as an intern with an incorrect admin field, and were denied. Finally, we entered the correct admin field, logged in, and found the admin functionality. Hence, we found that my project met this criterion.
7	My client liked that I had chose Gurukul-themed colors throughout, adhering to the colors of the logo except for yellow, which she also deemed as an unattractive color. She was able to navigate through the screens without prompting from me, so my client and I found that my project met this criterion.

Recommendations for Further Development:

Recommendation	Reasoning
Integrate the code across several platforms like iOS, or even as a website.	More people within Gurukul will be able to use the app, which will increase its inherent effectiveness in the classroom as more people have access to its tools.
Implement parent interaction, such as parents asking questions to teachers through the app.	The next step in improving the classroom experience for students and interns is more parent involvement and input in the process as they have more first-hand knowledge on how their kindergarteners learn.
Create a navigation bar on the bottom of the screen for every page.	This would smoothen out navigation between pages and eliminate the need for several buttons to redirect between pages such as "Back to Search." It would lead to a cleaner user interface.
Create a higher authentication level of DSDJ head for my client and allow this authentication level to edit the binary tree of suggestions.	The DSDJ head has the most knowledge concerning feedback to interns that will help them improve the most, allowing them to edit the suggestion tree easily in the app will make it so overseers can always give the best possible feedback to interns.

Word Count: 10