Evaluation of the product.

No.	Criterion	Was it Fulfilled?	Evaluation
1	The teachers, students, and head of school should be able to sign up with their information in the software, which will then be used to log in to their respective portals.	Yes	The client was happy that the signup process worked, enabling users to access their designated portals without issues.
2	The program will encrypt the password before storing it in the database to enhance user privacy.	Yes	The client was satisfied with the secure encryption mechanism, ensuring password privacy for all users.
3	After successfully signing in, the encrypted password will be stored, and they can now use it to log in with their username to their respective portals.	Yes	The client appreciated that the login process was secure and functional, with no access issues reported.
4	Ensure that teachers cannot access the head of school portal or the student evaluation portals. Based on their information to sign in, as they picked their role, the head of school will be able to view it alone.	Yes	The client commended the role-based access control, ensuring strict separation between different user roles.
5	Students should be able to register and give reflections in the system.	Yes	The client was satisfied by the smooth student registration process and the ability to submit reflections without difficulty.
6	The head of school should be able to add specific tasks, notes, and deadlines using the school planner	Yes	The client appreciated the school planner feature, which made it easy to assign tasks

	portal for the respective teachers with specific ID numbers.		and deadlines for teachers.
7	Teachers should be able to write and submit their daily checklist of tasks and reflections.	Yes, Improvements Needed	The client suggested minor enhancements for more detailed an clear feedback from the teachers.
8	The feedback given by the teachers should appear in the teacher feedback portal, which can only be seen by the head of school.	Yes	The client was happy with the implementation of the teacher feedback portal, which ensured confidentiality for submitted feedback.
9	Students should be able to send their reflections, which can only be visible to the head of school in the student feedback portal.	Yes, needs improvements	The client said that the student reflection system worked well but it could be well organized to be able to see them nicely.
10	The system should allow the head of school to send emails to teachers after seeing the teachers' respective feedback.	Improvements Needed	The client suggested improving the email-sending interface to make it faster and more intuitive for the head of school.
11	The system should be able to save all the signups, teacher details, teacher feedback, and student feedback in the database.	Yes	The client was satisfied with the database system, which successfully stored all user information and feedback efficiently.

Overall the client was happy with the product and could see it being implemented in their school for increasing better performance to the students Most of the improvements can be done with relative ease.

Recommendations for future development of the product

1. Allow More Than 13 Teachers to Create Accounts

Currently, only 13 teachers can sign in and create personal accounts, thus limiting the scalability for bigger institutions. The client suggested expanding this capacity. To achieve this, one has to increase the database configuration to facilitate more user entries as well as make improvements to system memory management.

2. Fix JOptionPane Message Bugs

The client observes that sometimes, the JOptionPane messages pop up more than once which proves to be quite distracting. Deployment of proper event handling techniques would help solve this. For example, one could include a flag to ensure that messages only come up once for a specific trigger; that would be an improvement in user experience.

3. Password Complexity Requirement to Be Tightened

To reiterate, the client demanded that the users should be subjected to the creating of complex passwords to serve security purposes. For instance, modification of password validation logic by introducing requirements for uppercase letters, special characters, as well as minimum lengths would suffice the requirement. Additionally, real-time provision of password strength indicators could also assist users in securing passwords.

4. Use JSliders with Ease

JSliders have been a hassle for the client while scaling teachers from 1-100. For instance, he suggested doing it in a simpler range, such as between 1-10. Re-setting the sliders' range and steps in their Java Swing application will make this tool easier to use and fit his liking.

5. Enable Students to Submit More Reflections

The client has proposed that students be allowed multiple reflections for more flexibility. Changes to the database schema to allow more than one submission per student and an intuitive interface for reflection submission would both eliminate this limitation. **Word count; 325**