



Little Minds Connect

Individual Project:

A study into daily reporting tools and their uses.

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1 The problem & Solution:

Little Minds Connect is an early years nursery with around 30 children, they wish to convert their old-fashioned paper-based reporting system into a fully digitised service. They hope a daily reporting system will increase the productivity taken to provide a report to the parent about their children's daily activity.

2 The Objectives

Conduct a literature review* into existing daily applications and early years provisions.

Design, Implementation & testing of a fully functional daily reporting system for a specific client (Little Minds Connect LTD)

Evaluation against user and system requirements.

Functional Requirement	Required?
A teacher must be able to login and see relevant children	Required
A parent must be able to login and see many of their children	Required
Parents should see relevant information about their child.	Required
The information provided must inform the parent of the child's daily activity.	Required
The option to alter teachers, children, and	Required
parents should be given to the administrator	
The option for additional children information such as foods they are allergic to.	Required
A timestamp on each log so the parent can keep track of the dates.	Required
Encryption techniques used for privacy reasons.	Required
The use of consistent branding.	Required

3 Findings

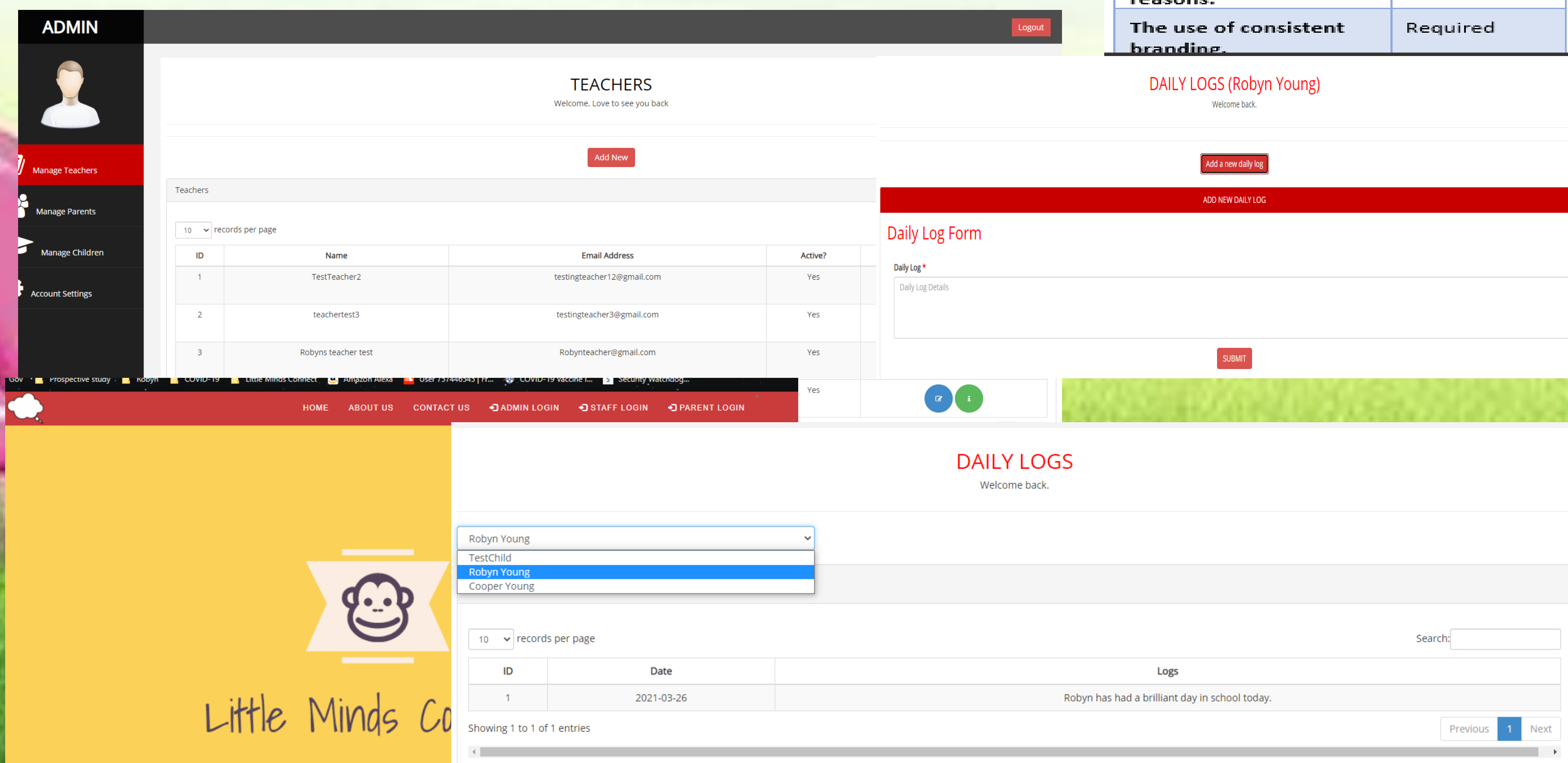
Various daily reporting tools are available however, the need for bespoke solutions were limited. A healthy diet can contribute to success at school when it came to a students grades. Various schemes are available to those from background areas of poverty. A father now takes a more involved role in parental responsibilities. Data Protection laws are incredibly important when dealing with sensitive information. The new system provided a comprehensive solution to the clients problem by increasing productivity and replacing an old-fashioned paper-based system into a fully digitised service based on functional requirements from the client.

4 The Testing

The system was tested against a number of different requirements such as user requirements however, the need for a more in-depth approach was needed such as unit testing which allows for small sections to be debugged and stressed tested. System testing also evaluated how the system would perform as a whole, looking at real issues a user may encounter. User testing was also conducted which look at providing informative feedback to the user if an error did occur finally, acceptance testing was conducted which ensured the client was happy with the finished product, thanks to the prototyping methodology this study had consist communication with the client and therefore the final project was accepted successfully.

5 Conclusions

In conclusion, a full literature review was conducted to determine existing technologies and other relevant sub-topics such as diet, developmental milestones, parental involvement, Data Protection. The client "Little Minds Connect" was given a fully functional system according to specified requirements. Further research is needed to determine in the long-run if the solution did increase productivity and reduce the cost of informing parents about their children's daily activity.



The screenshot displays the Little Minds Connect web application interface. On the left is an ADMIN sidebar with a user profile and navigation links: Manage Teachers, Manage Parents, Manage Children, and Account Settings. The main content area is divided into two sections. The top section, titled 'TEACHERS', shows a table with columns for ID, Name, Email Address, and Active?, listing three teachers. Below this is a 'Daily Log Form' with a 'Daily Log*' input field and a 'SUBMIT' button. The bottom section, titled 'DAILY LOGS (Robyn Young)', shows a table with columns for ID, Date, and Logs, displaying a single log entry for 2021-03-26. A search bar and pagination controls are also visible.