

Prototype Documentation

Group details

Group number	3
Member names and UPIs	<ol style="list-style-type: none">1. Bhavya Kukreja-bkuk6042. Chi Tong Fang-cfan4023. Ki Hun Kim-kkim6674. Prachi Brahmbhatt-pbra7705. Jonas Rogado-jrog675
Group name	B.C.K.P.J.
System name	KidEye

UC#1

UC#1: Manage Child Information

UC#1 Functionality

F#1 View Daily Logs



F#2 Manage Child Profile

KidEye Happy Duckling ECE

Hi, Sarah! **SIGN OUT**

Dashboard **Parent Forum** **Grace's Daily Reports** **Daily Stock** **Grace's Attendance**

Manage Grace's Profile **Manage My Profile**

Today's Posts On Parent Forum

- Zoe: "Does anyone know where to get a cheap car seat from?"
- Mark: "I am planning to have Jake's birthday..."

Grace's Gallery

Coming up...

Grace's Trip to the Zoo!

KidEye Happy Duckling ECE

Hi, Sarah! **SIGN OUT**

Dashboard **Parent Forum** **Grace's Daily Reports** **Daily Stock** **Grace's Attendance** **Manage Grace's Profile** **Manage My Profile**

Child Name: Grace Rachel White
Date of Birth: 22nd January 2015
Nationality: New Zealand
Parent/Guardian Contact Details:
Father: Mark White. Contact Number: 0215467894
Mother: Sarah White. Contact Number: 0221786234
Home Address: 24 Crystal Crescent, Greenlane, Auckland. 0679.
Home Phone Number: 49 09 77423
Health Issues: None.
Allergies: None known yet.
Additional Comments: It is important that Grace is motivated to play with other children as she is very shy.

Grace's ID: 428 Class 6

UPDATE PROFILE

KidEye Happy Duckling ECE

Hi, Sarah! **SIGN OUT**

Dashboard **Parent Forum** **Grace's Daily Reports** **Daily Stock** **Grace's Attendance**

Manage Grace's Profile **Manage My Profile**

Back

Parent/Guardian Contact Details:
Father: Mark White. Contact Number: 0215467894
Mother: Sarah White. Contact Number: 0221786234

Home Address: 24 Crystal Crescent, Greenlane, Auckland. 0679.

Home Phone Number: 49 09 77423

Health Issues: None.

Allergies: None known yet.

Additional Comments: It is important that Grace is motivated to play with other children as she is very shy.

EDIT PROFILE

KidEye Happy Duckling ECE

Hi, Sarah! **SIGN OUT**

Dashboard **Parent Forum** **Grace's Daily Reports** **Daily Stock** **Grace's Attendance** **Manage Grace's Profile** **Manage My Profile**

Back

Parent/Guardian Contact Details:
Father: Mark White. Contact Number: 0215467894
Mother: Sarah White. Contact Number: 0221786234

Home Address: 35 Cooks Road, Avondale, 0634.

Home Phone Number: 49 09 77423

Health Issues: None.

Allergies: Fish, shellfish.

Additional Comments: It is important that Grace is motivated to play with other children as she is very shy.

UPDATED

F#3 View Historic Attendance



UC#1 Data

Child Profile	Daily Log	Historic Attendance
<p>Attributes:</p> <ul style="list-style-type: none">• ChildID• Name• DateOfBirth• Nationality• ContactDetail• Address• HomePhoneNumber• HealthIssue• Allergy• Comment	<p>Attributes:</p> <ul style="list-style-type: none">• ChildID• Date• DiaperChange• DiaperComment• MorningTea• Lunch• Sleep• SleepComment• Injury• InjuryComment	<p>Attributes:</p> <ul style="list-style-type: none">• ChildID• Date• Present

Table

ChildID
Name
DateOfBirth
Nationality
ContactDetail
Address
HomePhoneNumber
HealthIssue
Allergy
Comment

Happy Duckling ECE

Hi, Sarah! **SIGN OUT**

Child Name: Grace Rachel White
Date of Birth: 22nd January 2015.
Nationality: New Zealand.
Parent/Guardian Contact Details:
Father: Mark White, Contact Number: 0215167894
Mother: Sarah White, Contact Number: 021786234
Home Address: 24 Crystal Crescent, Greenlane, Auckland 0679.
Home Phone Number: 49 09 77423
Health Issues: None.
Allergies: None known yet.
Additional Comments: It is important that Grace is motivated to play with other children as she is very shy.

Grace's ID: 428
Class 6

UPDATE PROFILE

Attendance History

✓ = Present

Table

ChildID
DiaperChange
DiaperComment
MorningTea
Lunch
Sleep
SleepComment
Injury

October 23, 2017 Report

- Diaper Changes: 5 changes
- Teacher's comments:
- Meals
 - Morning Tea: Weetbix
 - Lunch: Fried Rice with Chicken
- Sleep: 2 hours
- Teacher's comments:
- Injuries: No injuries
- Treatment and comments

Attendance History

✓ = Present

Table

ChildID
Date
Present

UC#1 Demonstration/simulation

Chosen function number: F#2

Chosen function name: Manage Child Profile

<https://youtu.be/VRCsEOv74Go>

F#2 Test plan

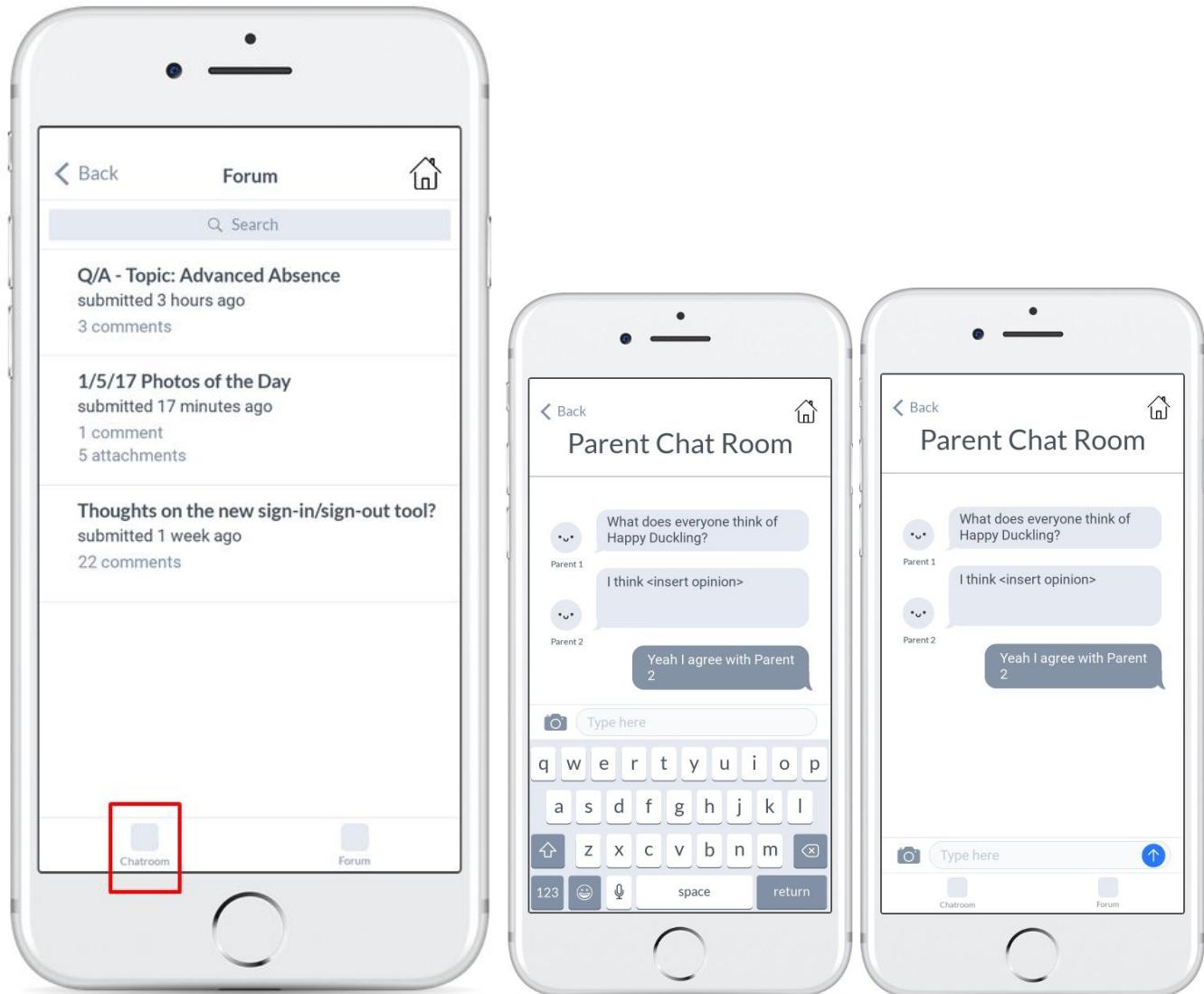
Goal/Description of test plan	To ensure that parents are able to update their child's details using the KidEye system.
Testing method	<ol style="list-style-type: none">1. User selects Manage Child's (Grace in this case) Profile (after signing in)2. User selects 'Update Profile'3. User selects 'Edit Profile'4. User edits the information they want to edit (in this case the address and allergies sections have been edited)5. User will receive confirmation that the child's profile has been updated.6. If user selects 'Back', they will be able to see the updated child profile.
Expected successful result	User will successfully be able to update information on their child's profile.
Other notes (optional)	To update the child's information, the user must have a verified account on KidEye and must have successfully signed in so that they can view their account and make changes to their child's profile.

UC#2

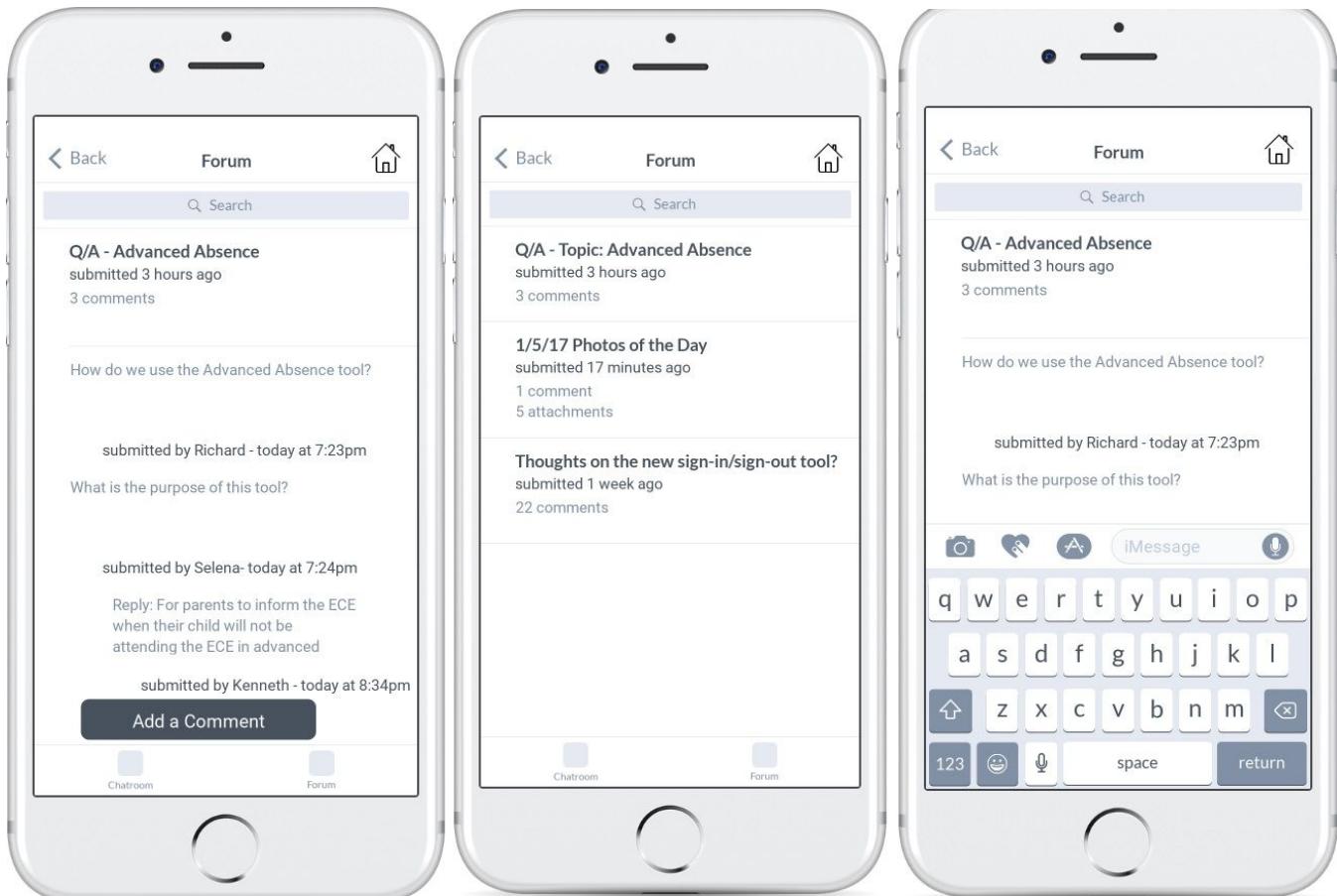
UC#2 Manage parent forum

UC#2 Functionality

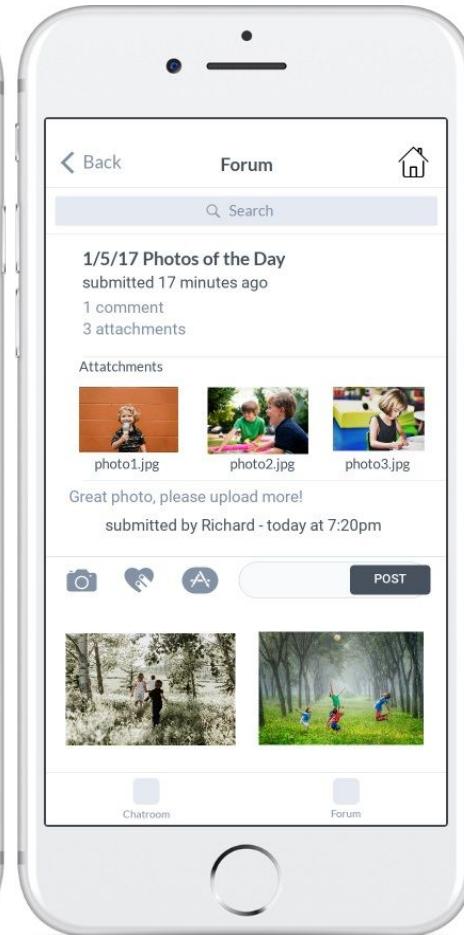
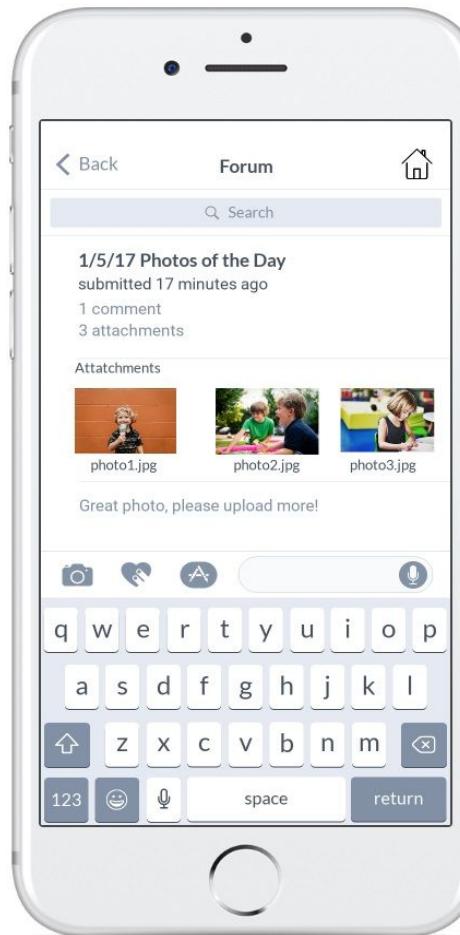
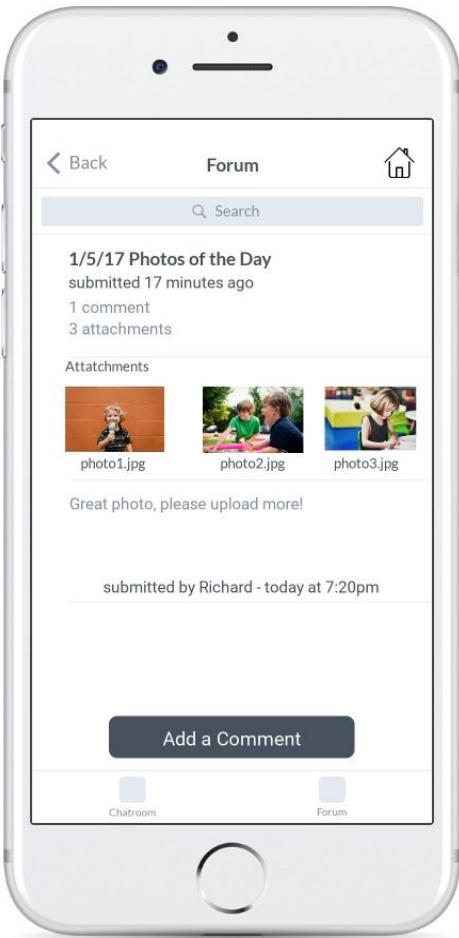
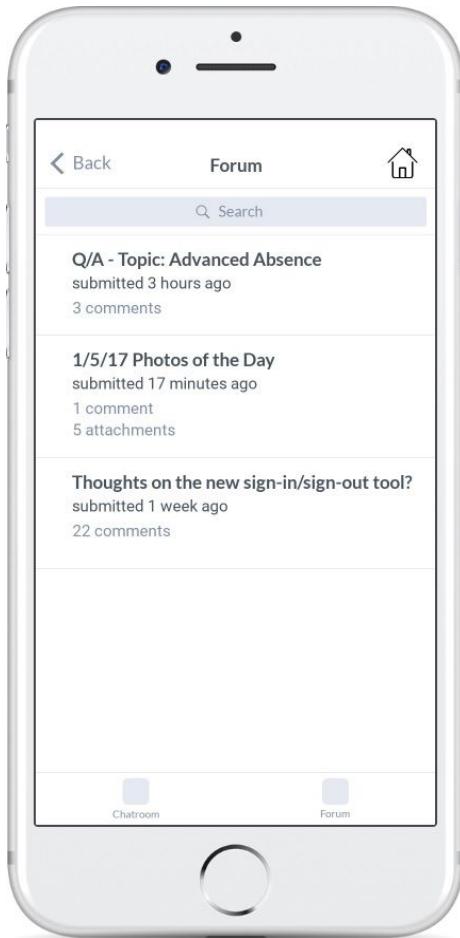
F#4 Parent Chatroom



F#5 Q/A Platform (on forum)

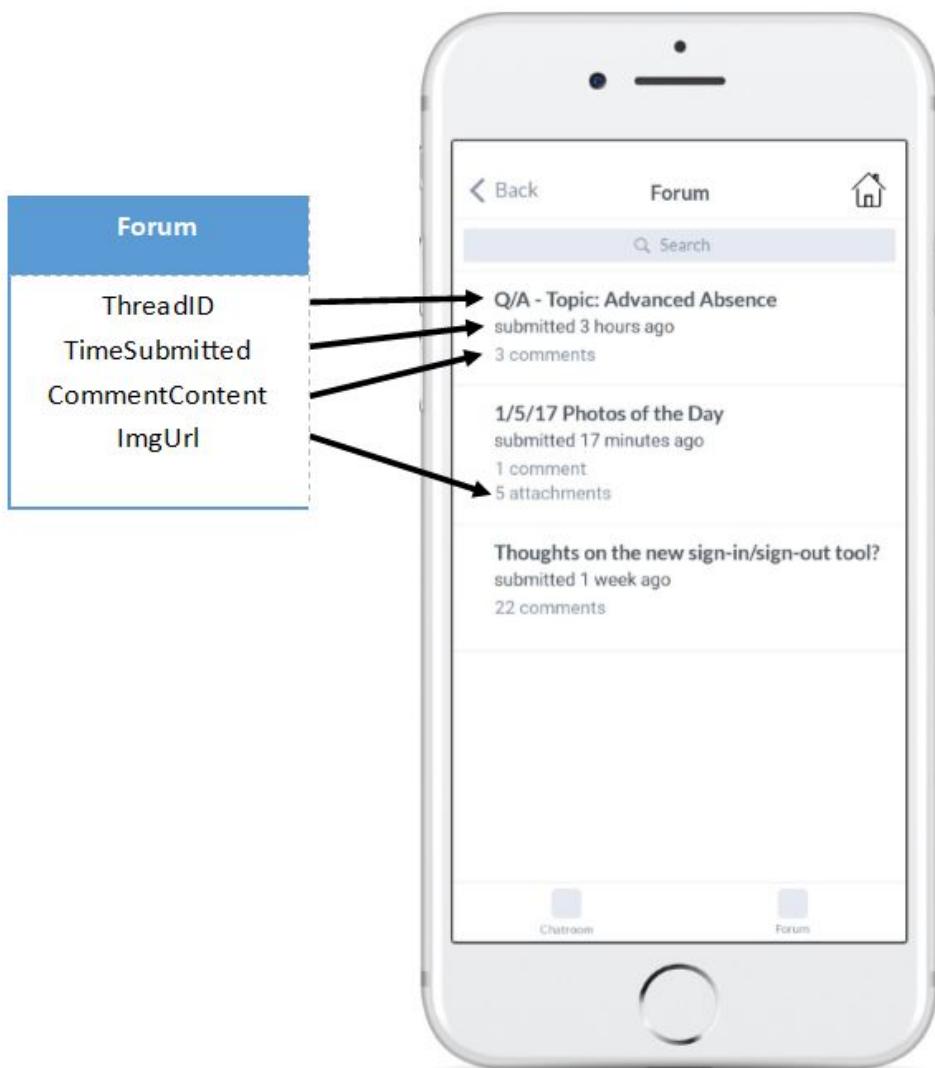


F#6 Comment on/post videos/photos



UC#2 Data - F#6 Comment on/post videos/photos

Forum	Thread	Comment
<p>Attributes:</p> <ul style="list-style-type: none">• ThreadID• TimeSubmitted• CommentContent• ImgUrl	<p>Attributes:</p> <ul style="list-style-type: none">• ThreadID• CommentsAmount• AttachmentsAmount• CommentID• AttachmentID• ImgUrl	<p>Attributes:</p> <ul style="list-style-type: none">• UserID• TimeSubmitted• CommentID





UC#2 Demonstration/simulation

Chosen function number: F#6

Chosen function name: Comment on/ post videos/ photos

<https://www.youtube.com/watch?v=slxHtJ2jz-w&feature=youtu.be>

F#6 Test plan

Goal/Description of test plan	To ensure users of KidEye can comment on/post photos/videos for discussion on the parent forum.
Testing method	<ol style="list-style-type: none"> 1. Click on the forum button from the home page (after signing-in) 2. Select any of the topic thread discussions to view or comment 3. Select the “Add a comment” button at the bottom of the page to post comments or photos/videos 4. When the keyboard appears you can either type in comments or choose the camera icon on the keyboard to choose a photo. 5. Select the ‘post’ button to post the comment or video/image on the forum thread/discussion.

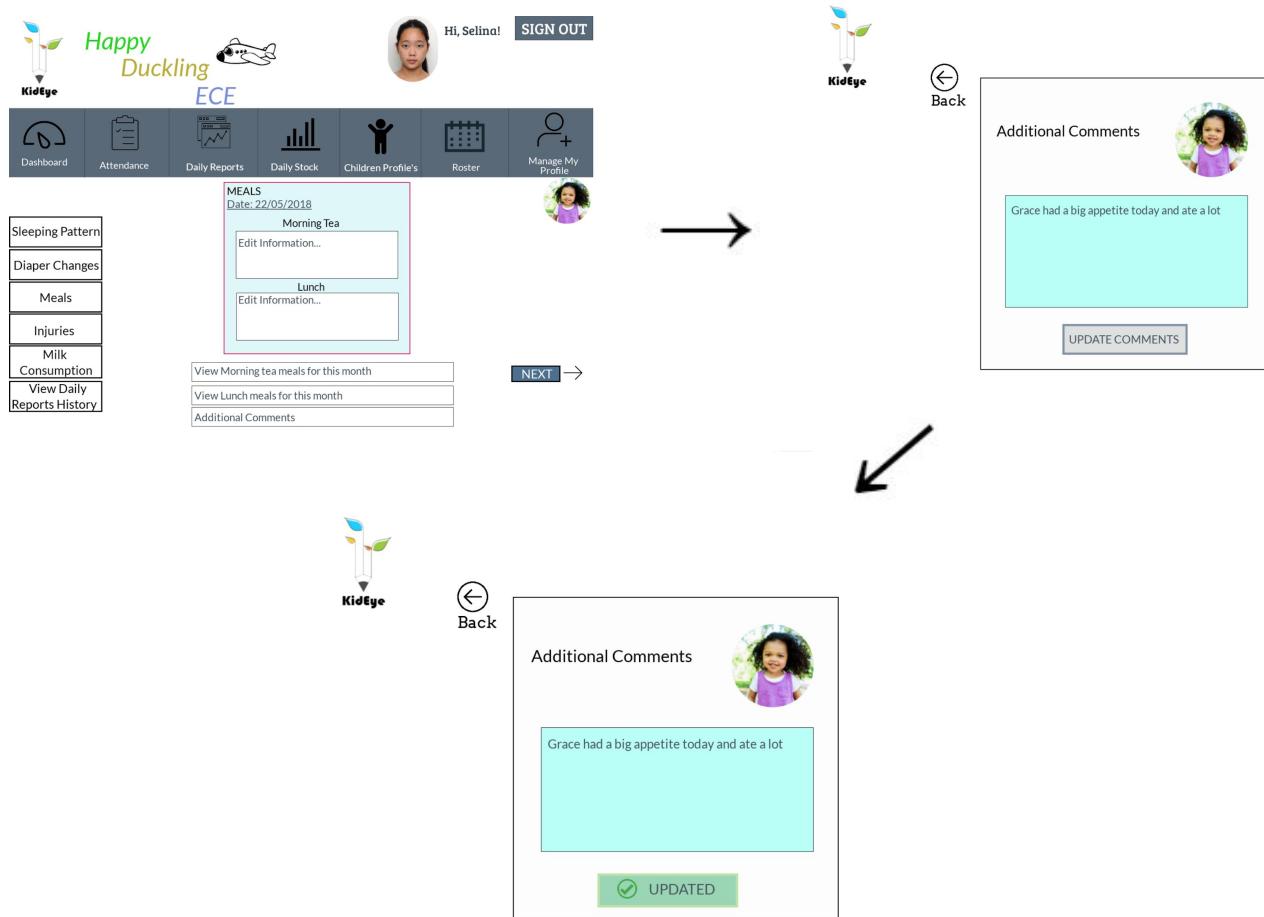
Expected successful result	User will be able to successfully view threads/discussions and post comments/photos within a discussion.
Other notes (optional)	The user must first be signed into the app to use the forum function and this will therefore identify each parents name on each post which will not be posted under an anonymous name.

UC#3

UC#3 Update report.

UC#3 Functionality

F#7 Additional comments by the teacher (Feedbacks)



F#2 Update Child's Daily Report

KidEye Happy Duckling ECE

- Dashboard
- Attendance
- Daily Reports
- Daily Stock
- Children Profile's
- Roster
- Manage My Profile

Current Diaper Stock
Class 6 - Diaper Stock (30 Students)

5 children with 'very low stock diapers'

Last Week Sleeping Pattern
Class 6 Sleeping Pattern from Last Week

To do...

- Organise transportation to the zoo
- Print-out hand outs for class 6
- Order painting supplies

Coming up...

- Zoo trip for class 6
- Teacher's First-Aid Course
- Roster meeting
- Online Health & Safety assessment

Photo Gallery

KidEye Happy Duckling ECE

- Dashboard
- Attendance
- Daily Reports
- Daily Stock
- Children Profile's
- Roster
- Manage My Profile

Q Child's ID



KidEye Happy Duckling ECE

- Dashboard
- Attendance
- Daily Reports
- Daily Stock
- Children Profile's
- Roster
- Manage My Profile

Q 440

Sleeping Pattern

NAME: Grace Sia
AGE: 3Y, 4M
CLASS: 6
ID: 440

UPDATE DAILY REPORT

Photo

Photo

Photo

KidEye Happy Duckling ECE

- Dashboard
- Attendance
- Daily Reports
- Daily Stock
- Children Profile's
- Roster
- Manage My Profile

Grace's Sleeping Pattern

Grace's Sleeping Pattern from Last Week

GRACE'S SLEEPING PATTERN FOR THE PREVIOUS MONTH (APRIL)

Generate Sleeping Pattern Chart for this week

Add nap time length for today (22/05/2018)

View Sleeping Pattern for last month...

Additional Comments

NEXT →



KidEye

Back

Sleeping Time For Grace Sia
Date: 22/05/2018

Start
10:00 am

End
10:50 am

Start
13:15 pm

End
14:25 pm

+ ADD MORE

UPDATE TIME

Photo

KidEye Happy Duckling ECE

- Dashboard
- Attendance
- Daily Reports
- Daily Stock
- Children Profile's
- Roster
- Manage My Profile

Grace's Sleeping Pattern

Grace's Sleeping Pattern from Last Week

GRACE'S SLEEPING PATTERN FOR THE PREVIOUS MONTH (APRIL)

Generate Sleeping Pattern Chart for this week

Add nap time length for today (22/05/2018)

View Sleeping Pattern for last month...

Additional Comments

NEXT →



Diaper Changes

Meals

Injuries

The image shows two screenshots of the KidEye mobile application interface, separated by a large right-pointing arrow.

Left Screenshot (Initial State):

- Header:** "KidEye" logo, "Happy Duckling ECE" text, a small profile picture of a girl, and "Hi, Selina!" / "SIGN OUT" buttons.
- Top Navigation Bar:** Icons for Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Forum, and Manage My Profile.
- Milk Consumption Card:** Title "MILK CONSUMPTION Date: 22/05/2018".
 - Text: "Number of Bottles: 0 Bottle(s) [- +]"
 - Text: "Total: 0 mL"
- Bottom Buttons:** "UPDATE REPORT" button.
- Left Sidebar:** List of monitoring categories: Sleeping Pattern, Diaper Changes, Meals, Injuries, Milk Consumption, and View Daily Reports History.

Right Screenshot (After Interaction):

- Header:** "KidEye" logo, "Happy Duckling ECE" text, a small profile picture of a girl, and "Hi, Selina!" / "SIGN OUT" buttons.
- Top Navigation Bar:** Icons for Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Roster, and Manage My Profile.
- Milk Consumption Card:** Title "MILK CONSUMPTION Date: 22/05/2018".
 - Text: "Number of Bottles: 1 Bottle(s) [- +]"
 - Text: "Total: 250 mL"
- Bottom Buttons:** "UPDATE REPORT" button.
- Left Sidebar:** List of monitoring categories: Sleeping Pattern, Diaper Changes, Meals, Injuries, Milk Consumption, and View Daily Reports History.

The image shows a comparison of two versions of a child profile page from the KidEye software. The left version is a basic template, while the right version is a more polished, user-friendly design.

Left Version (Original):

- Header:** Includes the KidEye logo, a green 'Happy Duckling ECE' banner, a user profile picture of Selina, and a 'SIGN OUT' button.
- Navigation Bar:** Contains links for Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Roster, and Manage My Profile.
- Content Area:** Shows a 'MILK CONSUMPTION' section with a date of 22/05/2018, a field for 'Number of Bottles' (2 Bottle(s)), and a counter for 'Total: 500 mL'. It also includes an 'UPDATE REPORT' button.
- Left Sidebar:** Lists 'Sleeping Pattern', 'Diaper Changes', 'Meals', 'Injuries', 'Milk Consumption', and 'View Daily Reports History'.

Right Version (Improved):

- Header:** Includes the KidEye logo, a green 'Happy Duckling ECE' banner, a user profile picture of Selina, and a 'SIGN OUT' button.
- Navigation Bar:** Contains links for Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Roster, and Manage My Profile.
- Content Area:** Shows a search bar with 'Q 440', a 'NAME: Grace Sia' card with a photo, a 'AGE: 3Y, 4M' card, a 'CLASS: 6' card, and an 'ID: 440' card. A green 'UPDATED' badge is visible next to the photo.
- Left Sidebar:** Lists 'Sleeping Pattern', 'Diaper Changes', 'Meal', 'Injuries', 'Milk Consumption', and 'View Daily Reports History'.

A large black arrow points from the left version to the right version, indicating the direction of the design evolution.

F#3 Notifying Parents

The screenshot displays the Happy Duckling ECE mobile application interface. At the top, there's a navigation bar with the app logo (a blue bird), the text "Happy Duckling ECE", and user information ("Hi, Selina!" and "SIGN OUT"). Below the navigation bar is a horizontal menu with icons for Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Roster, and Manage My Profile.

The main content area features a sidebar on the left with links to "Sleeping Pattern", "Diaper Changes", "Meals", "Injuries", "Milk Consumption", and "View Daily Reports History". The central part of the screen shows a "MILK CONSUMPTION" section for "Date: 22/05/2018". It includes a text input for "Number of Bottles" (set to "1 Bottle(s)"), a plus/minus button, and a total value of "250 mL". Below this is a large green "UPDATE REPORT" button. To the right of this section is a circular profile picture of a young girl.

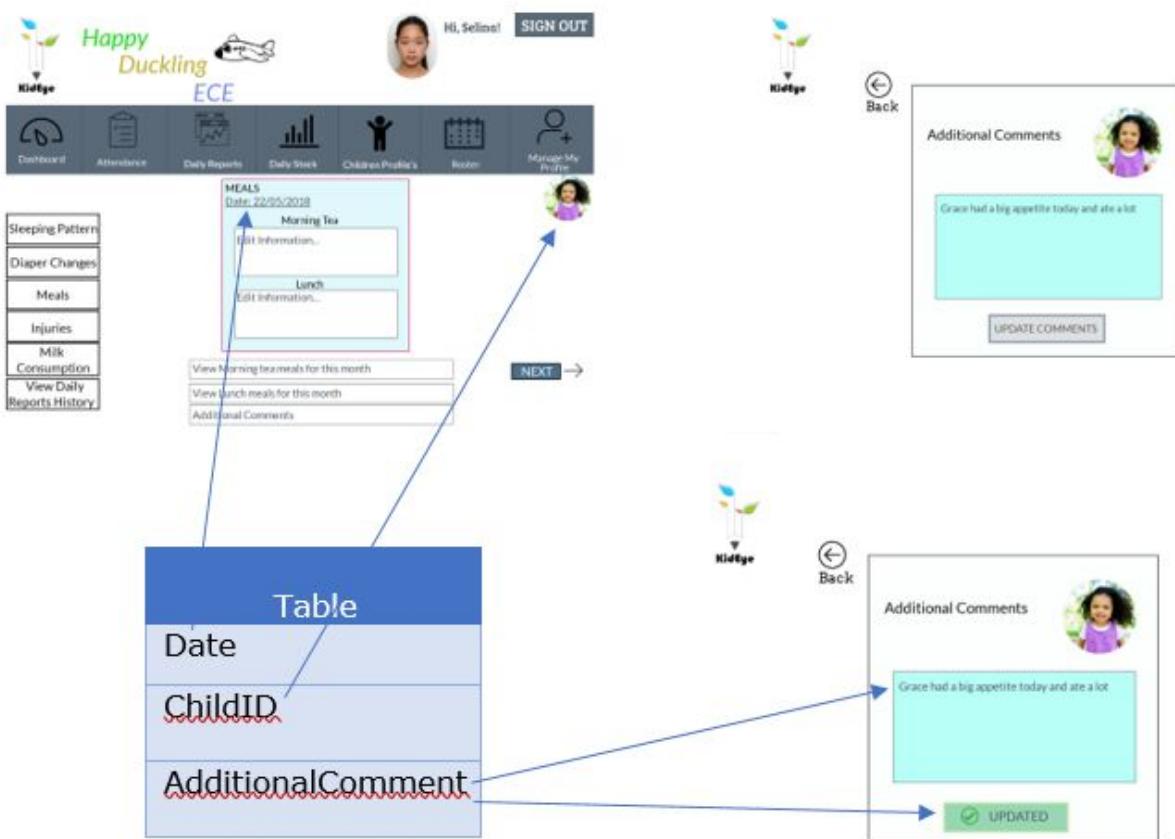
An arrow points from this section to another part of the interface where a "Sleeping Pattern" section is shown, featuring a green "UPDATED" button and a circular profile picture of a young girl.

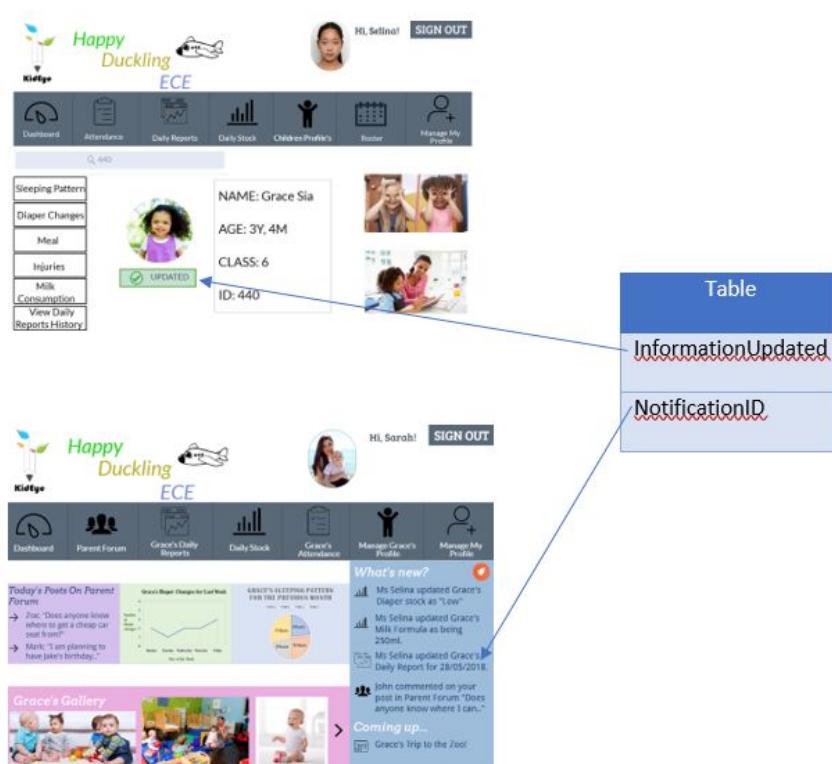
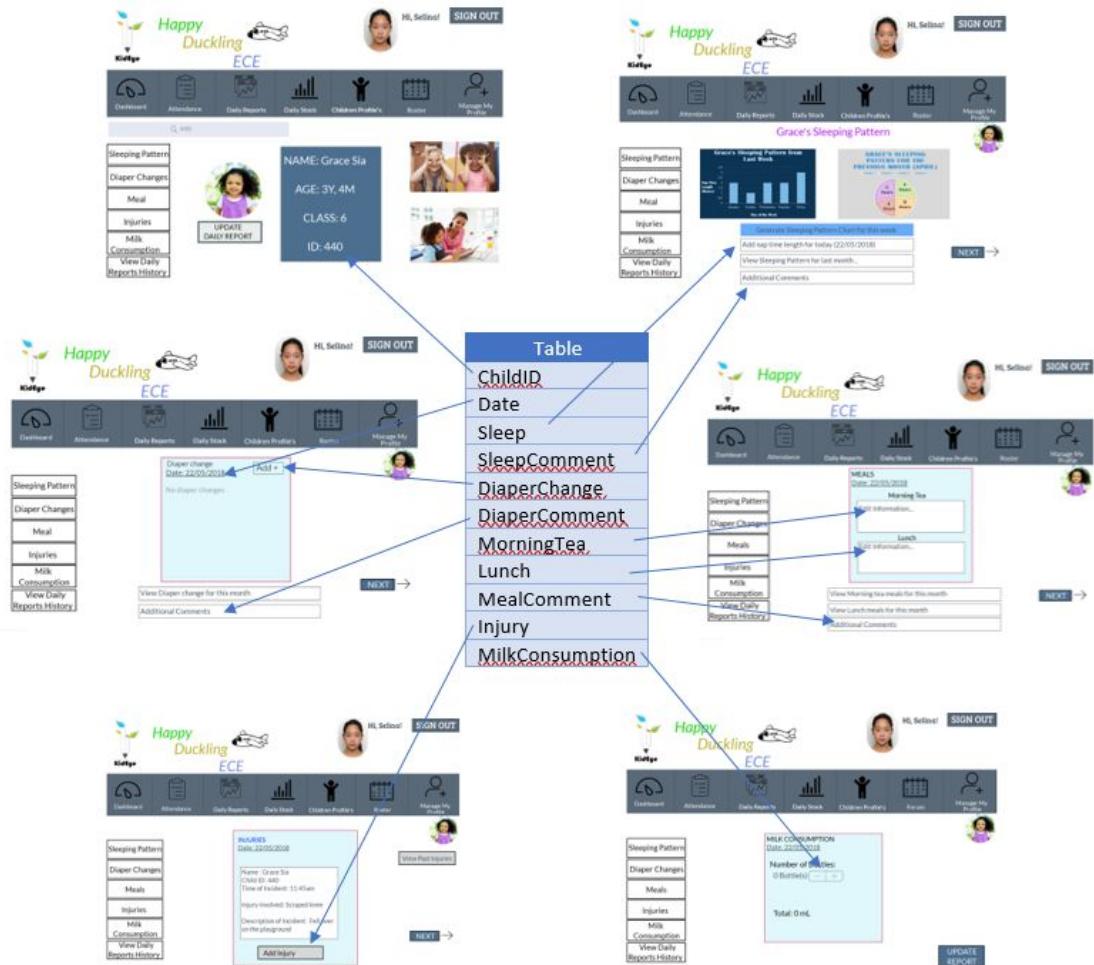
At the bottom of the screen, there's a second navigation bar with icons for Dashboard, Parent Forum, Grace's Daily Reports, Daily Stock, Grace's Attendance, Manage Grace's Profile, and Manage My Profile.

The bottom section contains several cards: one for "Today's Posts On Parent Forum" with posts from "Zoe" and "Mark"; a chart titled "Grace's Diaper Changes for Last Week" showing changes over the week; a pie chart titled "GRACE'S SLEEPING PATTERN FOR THE PREVIOUS MONTH" divided into "Sleep", "Naps", and "Tiredness"; and a "Grace's Gallery" card showing three photos of a baby sitting on the floor. To the right, there's a "What's new?" feed with updates from "Selina" about Grace's stock and milk consumption, and a comment from "John" in the Parent Forum. A "Coming up..." card indicates "Grace's Trip to the Zoo!".

UC#3 Data

Feedback	Daily Report	Notifying Parent
<p>Attributes:</p> <ul style="list-style-type: none"> • Date • ChildID • AdditionalComment 	<p>Attributes:</p> <ul style="list-style-type: none"> • ChildID • Date • Sleep • SleepComment • DiaperChange • DiaperComment • MorningTea • Lunch • Injury • MilkConsumption 	<p>Attributes:</p> <ul style="list-style-type: none"> • InformationUpdated • NotificationID





UC#3 Demonstration/simulation

Chosen function number: F#8

Chosen function name: ...

<https://youtu.be/MOmDcQmTx2Q>

F#2 Test plan

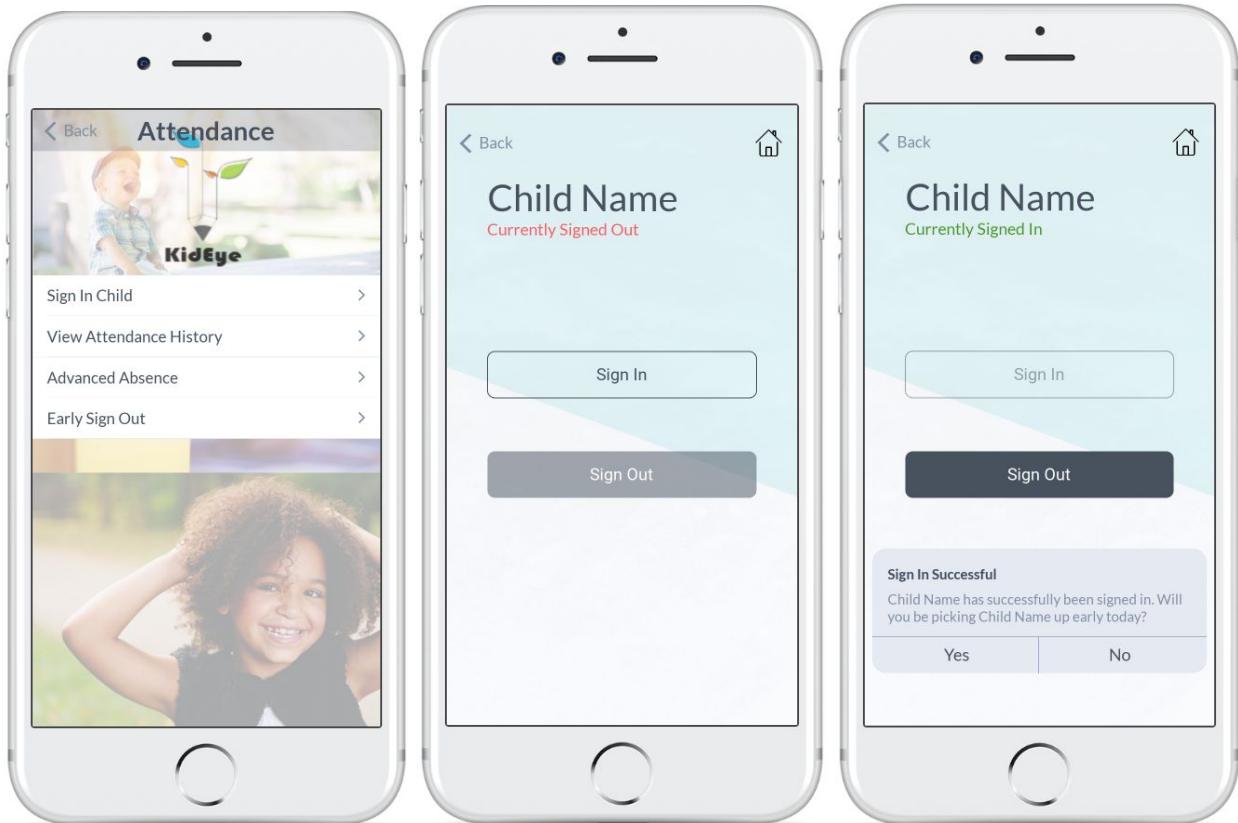
Goal/Description of test plan	To ensure Happy Duckling teachers are able to update daily reports for the childrens using the KidEye system rather than having to use and maintain five(5) different log books.
Testing method	<ol style="list-style-type: none">1. User clicks on 'daily reports' (after signing-in)2. User searches for required child using child's unique ID.3. User clicks on 'update daily report'.4. User 'Add nap time length for today'5. User enters child's nap start time and end time6. If user wants to add another nap then click on 'Add more' and repeat step 5.7. User clicks on 'update time' to save the information.8. User clicks 'next'9. User can add diaper changes by clicking 'add'10. User enters time of first diaper change11. If user wants to add another diaper change then they can click on 'Add more' and enter the time of the second diaper change, they can repeat this step for upto 3 diaper changes.12. User clicks on 'update changes'13. User clicks 'next'14. User clicks on 'edit information' for the morning tea and then the lunch15. The user then clicks 'next'16. The user clicks on 'add injury' if there is a injury sustained by a child.17. User then clicks 'next'18. User can add milk bottle by clicking on '+'19. User can add another milk bottle by clicking on '+' again, they can remove the bottle by clicking on '-'20. User then clicks on update report.21. User will receive confirmation that the daily report for that child has been updated.
Expected successful result	Teachers will successfully be able to update Child's Daily Report.
Other notes (optional)	The user must first be signed into the website to update Child's Daily Report.

UC#4

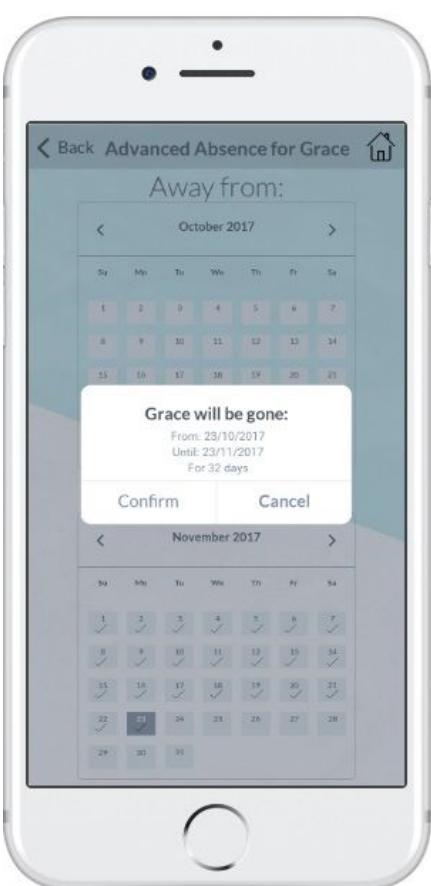
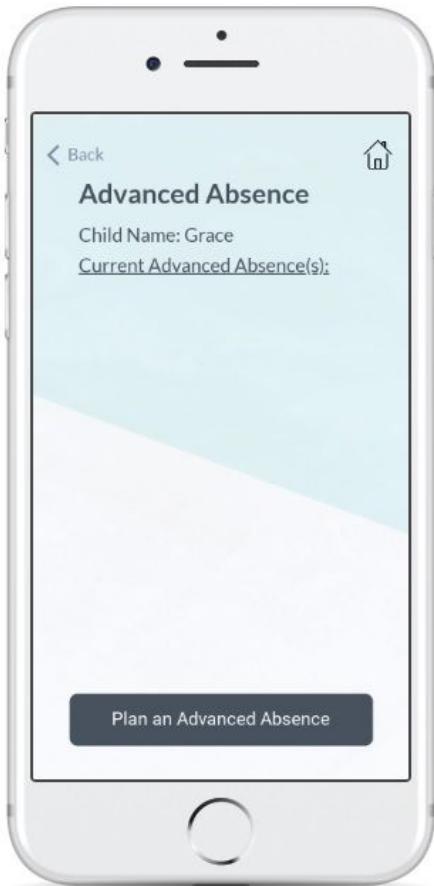
UC#4 :Sign-in/out child

UC#4 Functionality

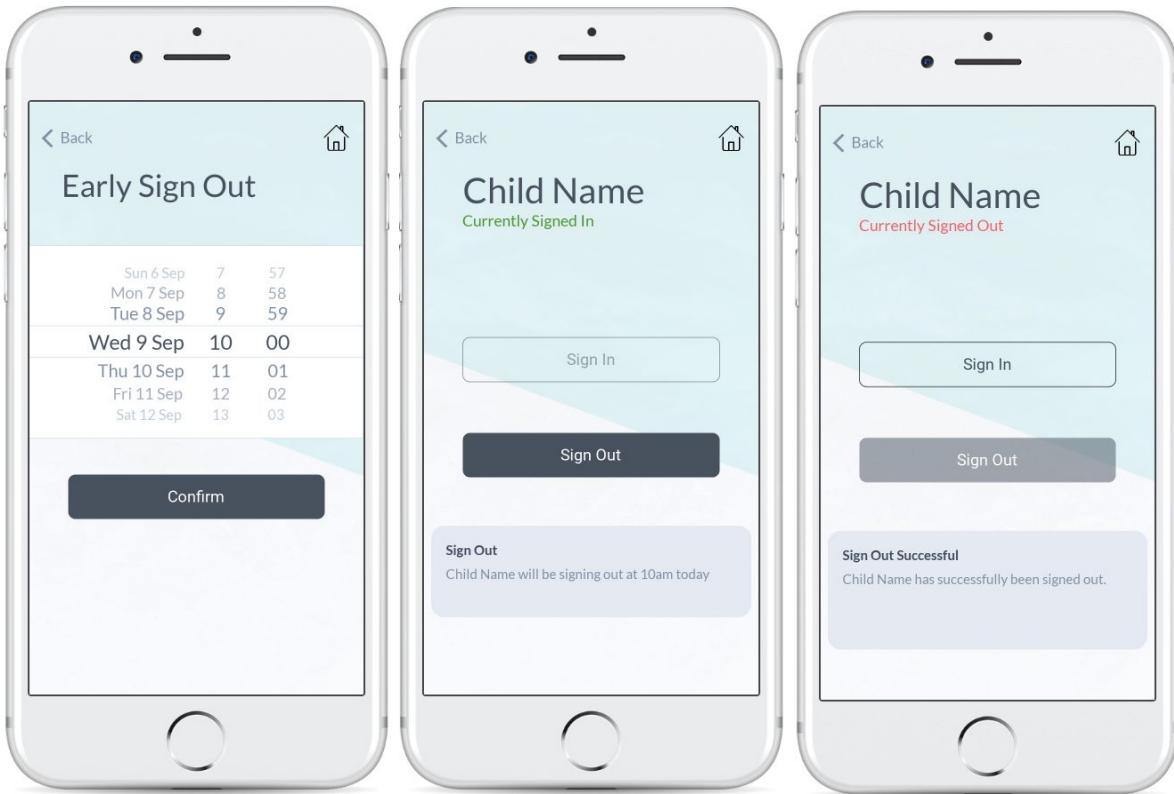
F#10 Daily Attendance



F#11 Roll Forecasting

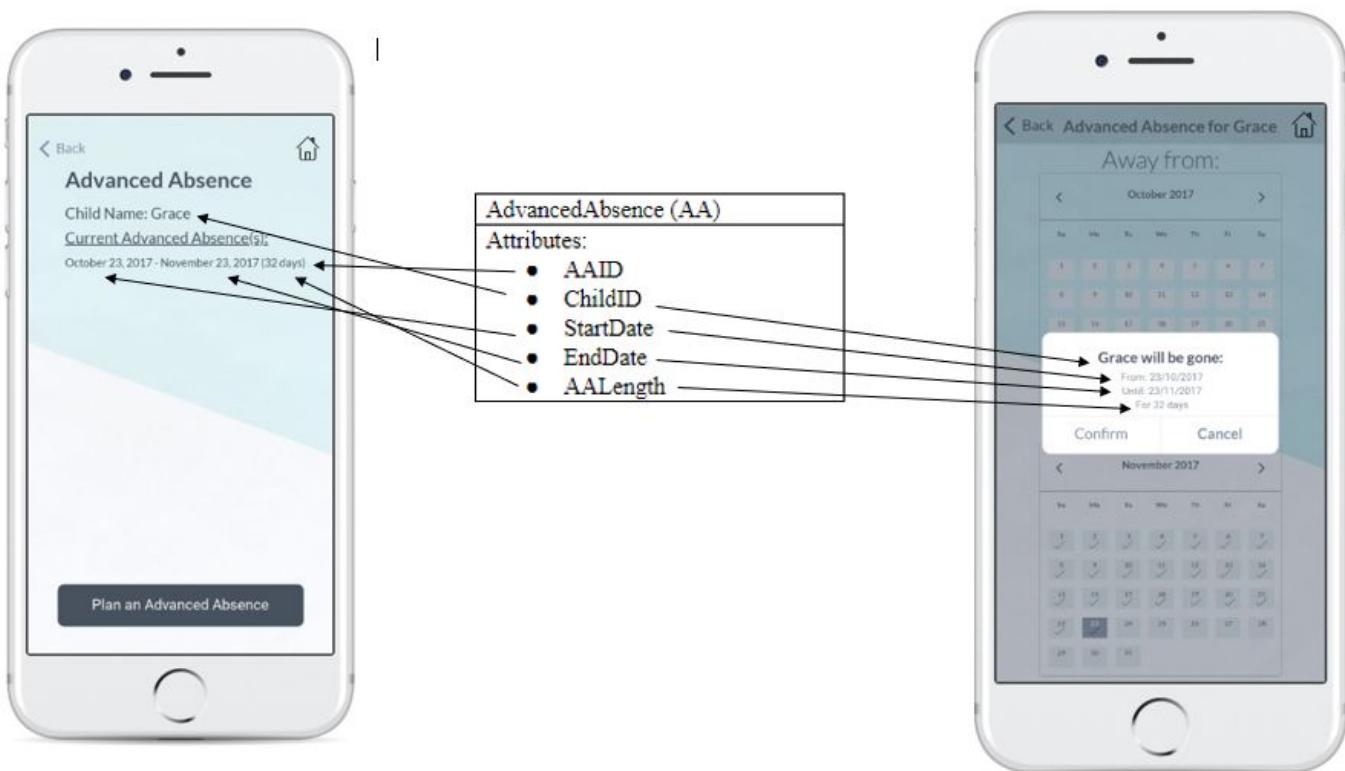


F#12 Optional Early Pick-Up



UC#4 Data

AdvancedAbsence (AA)
Attributes:
<ul style="list-style-type: none">• AAID• ChildID• StartDate• EndDate• AALength



UC#4 Demonstration/simulation

Chosen function number: F#11

Chosen function name: Role Forecasting

https://youtu.be/MdiP7ju_TCg

F# Test plan

Goal/Description of test plan	Allow parents to inform the ECE of when their child /children will not be attending in advanced. This will help the ECE plan things like daily meals, roster planning diaper stock and various others.. E.g. The family will be going out on holiday for a period of time.
Testing method	<ol style="list-style-type: none"> 1. User clicks the “Attendance” tab. 2. User clicks the “Advanced Absence” tab 3. User will be directed to the “Advanced Absence” page. They will see the current “advanced absence(s)” they have already planned and an option to plan an “advanced absence”. 4. User clicks “Plan an Advanced Absence”. 5. User choose starting and end date of the “advanced absence” 6. User will be asked to confirm the dates they have selected
Expected successful result	User will be directed back to the “Advanced Absence” page with the newly planned “advanced absence”.
Other notes (optional)	

UC#5

UC#5 Maintain child goods stock.

UC#5 Functionality

F#13 Update Stocks

Sleeping Pattern

Diaper Changes

Meal

Injuries

Milk

Handoff No comments

View Daily Reports History

Diaper change
Date: 22/05/2018

Add +

Diaper Change 1
09:00 am

Diaper Change 2
01:25 am

View Diaper change for this month

Marvel Upgrade to Pro

Attendance Daily Reports Daily Stock Children Profile's Hi Selina Forum SIGN OUT Profile

Sleeping Pattern

Diaper Changes

Meals

Injuries

Milk Consumption

View Daily Reports History

Handoff No comments

MILK CONSUMPTION
Date: 22/05/2018

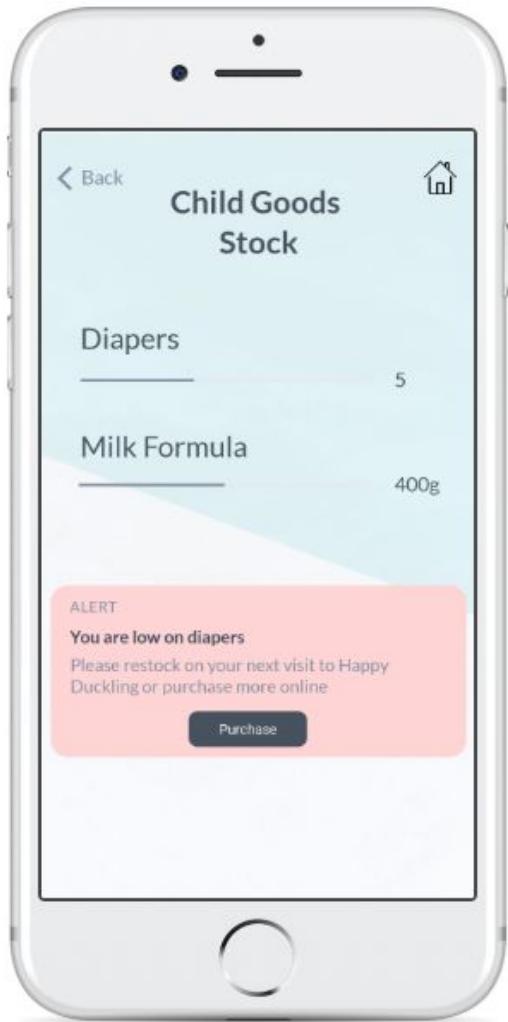
Number of Bottles:
0 Bottle(s) - +

Total: 0 mL

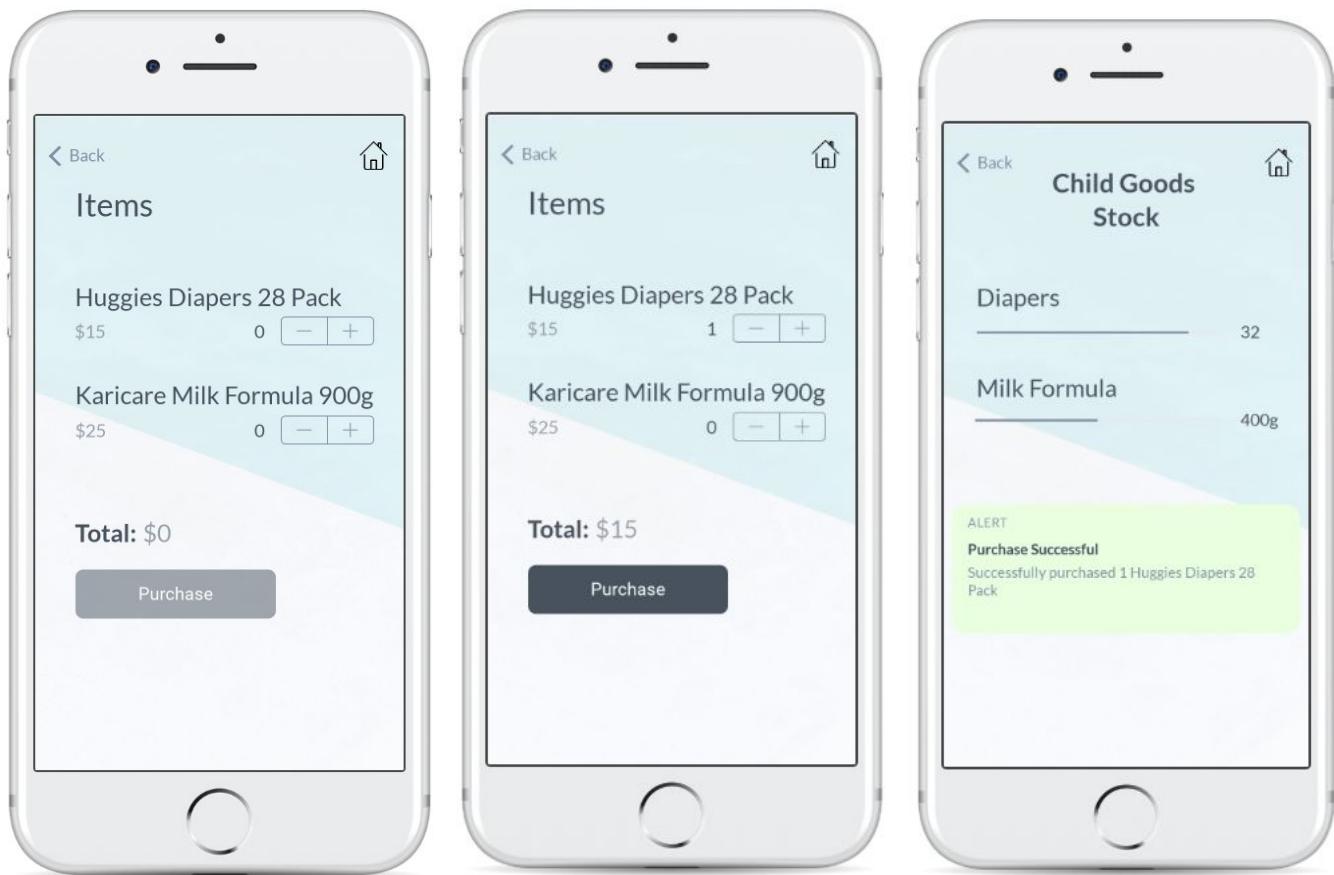
UPDATE REPORT

Marvel Upgrade to Pro

F#14 Send Notification

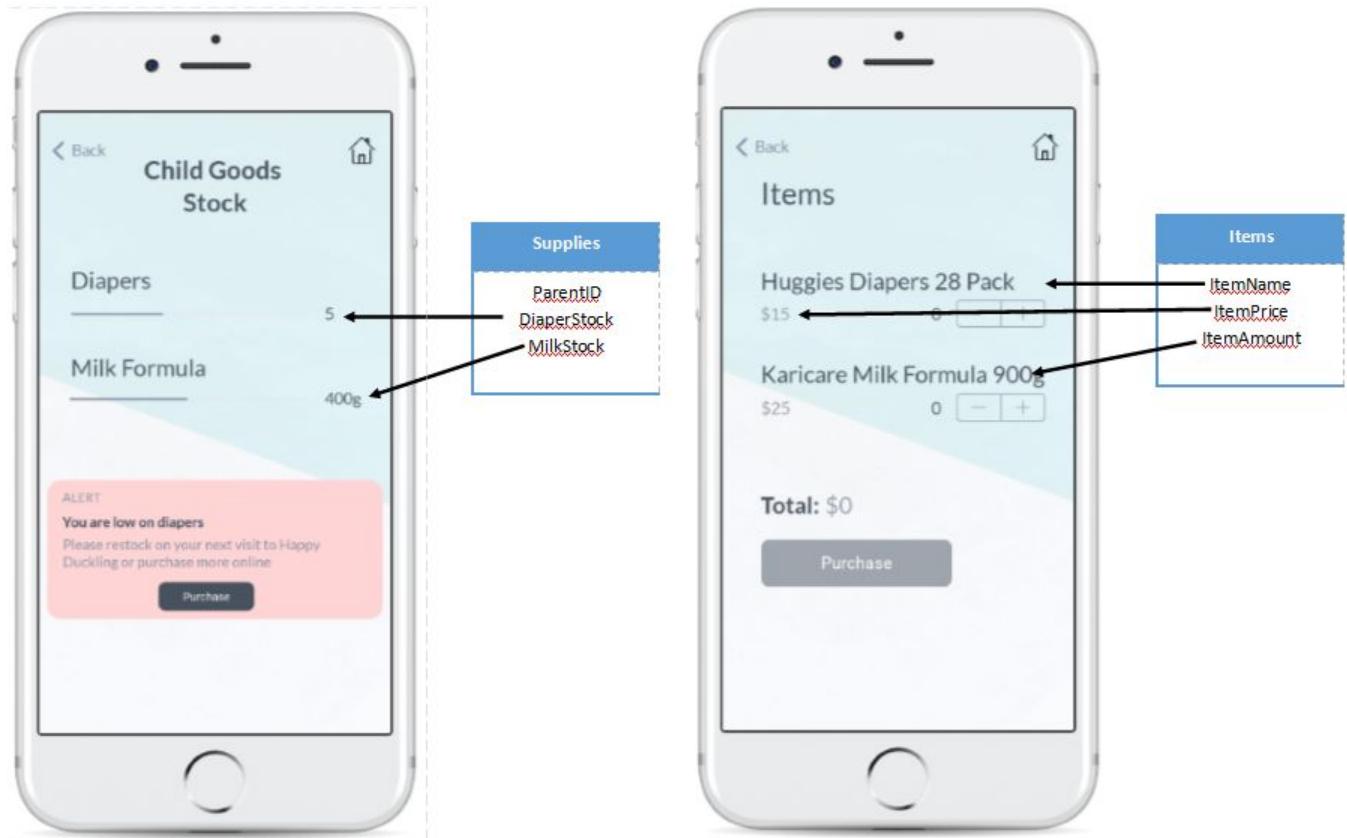


F#15 Purchase Stocks Online



UC#5 Data

Supply	Item
<p>Attributes:</p> <ul style="list-style-type: none"> • ParentID • DiaperStock • MilkStock 	<p>Attributes:</p> <ul style="list-style-type: none"> • ParentID • ItemName • ItemPrice • ItemAmount



UC#5 Demonstration/simulation

Chosen function number: F#15

Chosen function name: Purchase stocks online

https://www.youtube.com/watch?v=kiW_bmjP_no&feature=youtu.be

F#15 Test plan

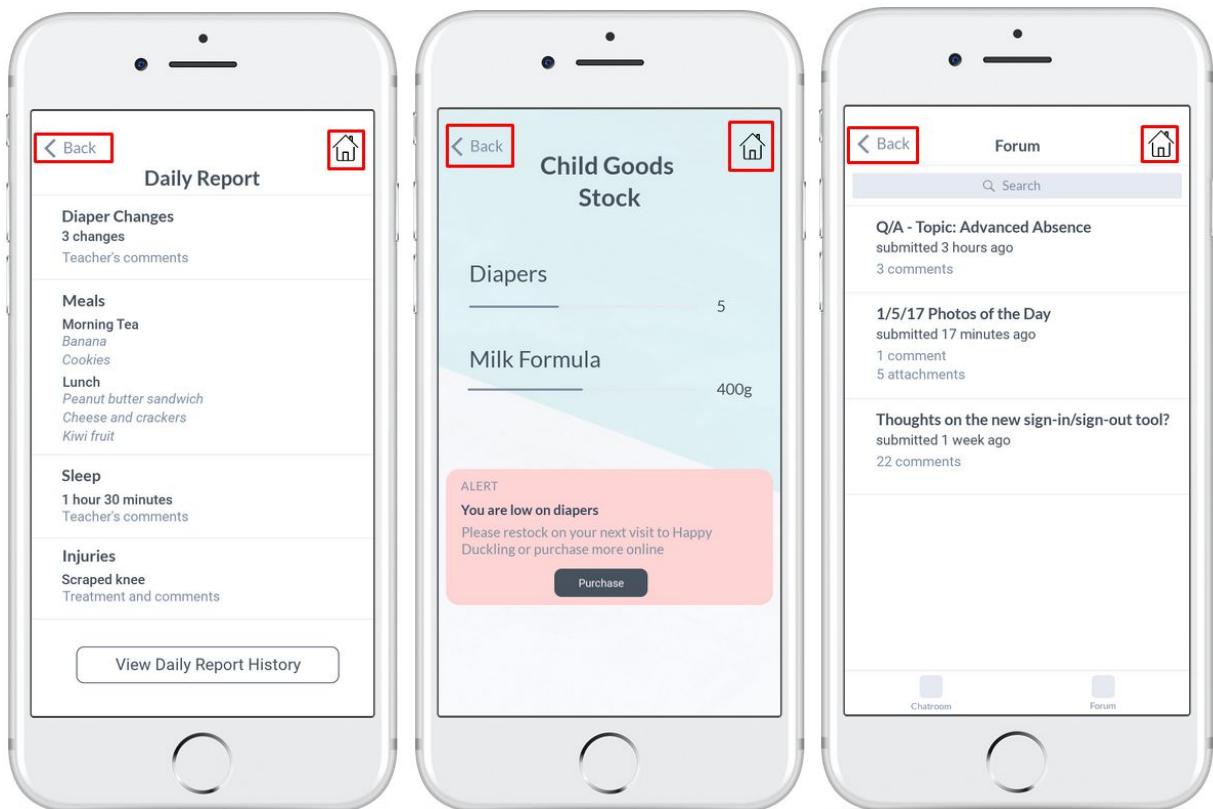
Goal/Description of test plan	To buy child supplies from the app when the stocks of some essential items are running low.
Testing method	<ol style="list-style-type: none"> User clicks on the 'Supplies Stock' button on the home screen to bring them to the stock display screen Click on the purchase button to go to the buying screen Use the + and - buttons to change the number of stocks you want to purchase for each item Press purchase button Press confirm on the confirmation screen to finish the purchase
Expected successful result	Parent will have bought more child supplies for their child to use and they will see their stocks update on their child goods stock screen.
Other notes (optional)	The parents are aware and have agreed with the ECE that the costs will be added to the child's school fees for the parent to pay later.

Design principles

For GUI 1: Mobile App and GUI 2: Website

1. User in control

The KidEye system on both GUIs will provide the user control and ease of accessibility no matter what page of the app they are on, through the existence of a home button and back button available on every screen. Users will not be limited to being forced to choose an option or make a decision to escape from a page on the app but they will have the ability to go back to the Home Screen or just click a 'back' tab to return to the previous screen. On the website there's also a back button and the navigation bar is always so the user will never be stuck.



Left Screenshot (Parent/Guardian Dashboard):

- KidEye logo
- Happy Duckling ECE logo
- User profile: Hi, Sarah!
- SIGN OUT button
- Navigation menu: Dashboard, Parent Forum, Grace's Daily Reports, Daily Stock, Grace's Attendance, Manage Grace's Profile, Manage My Profile
- Back button
- Parent/Guardian Contact Details:
 - Father: Mark White, Contact Number: 0215467894
 - Mother: Sarah White, Contact Number: 0221786234
- Home Address: 24 Crystal Crescent, Greenlane, Auckland. 0679.
- Home Phone Number: 49 09 77423
- Health Issues: None.
- Allergies: None known yet.
- Additional Comments: It is important that Grace is motivated to play with other children as she is very shy.
- EDIT PROFILE button

Right Screenshot (Teacher Profile Management):

- KidEye logo
- Happy Duckling ECE logo
- User profile: Hi, Selina!
- SIGN OUT button
- Navigation menu: Dashboard, Attendance, Daily Reports, Daily Stock, Children Profile's, Roster, Manage My Profile
- Back button
- Name: Selina smith
- Date of Birth: 11th January 1995.
- Nationality: New Zealand.
- Home Address: 16 Longpark Drive, Auckland 20679.
- Home Phone Number: 09 234 4345
- Health Issues: None.
- Allergies: None.
- Qualification: Bachelor of Education (Teaching)
- Back button
- Teacher ID: Class 6
- UPDATED button

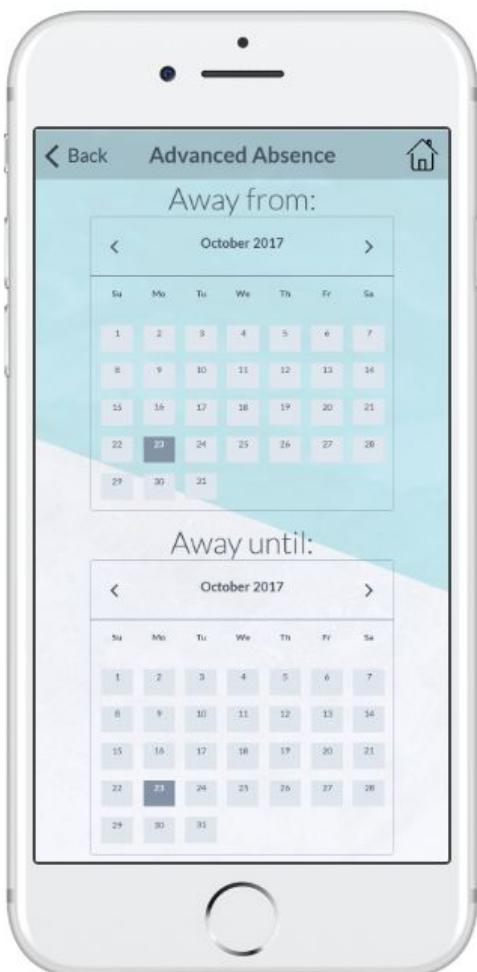
2. Directness

Both GUIs provides directness as the user can interact with the calendars in both GUIs to select dates. This makes choosing a date more visual to reduce their mental workload and makes it much more intuitive and faster than other ways like typing in a date directly.



2017 Calendar

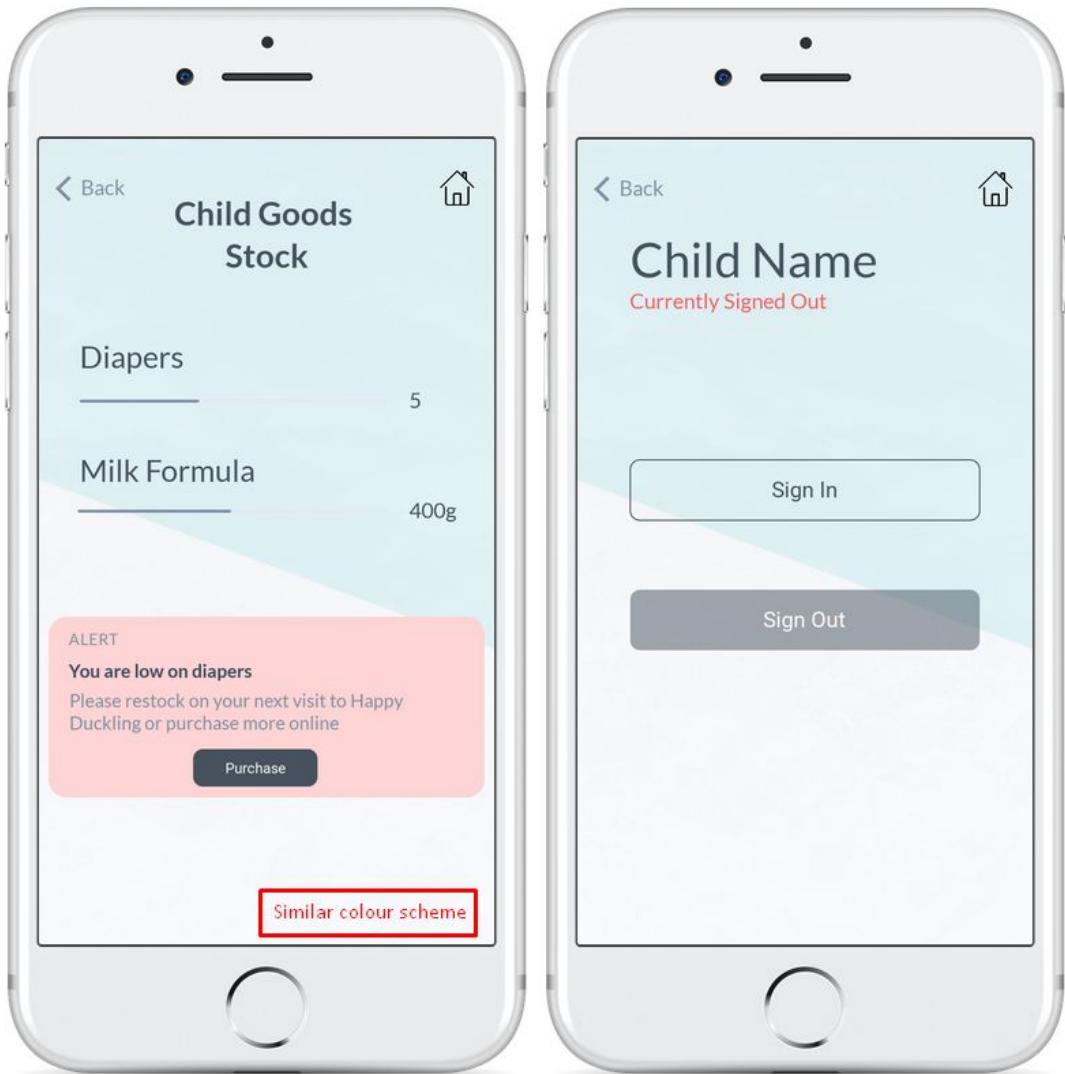
January 2017							February 2017							March 2017							April 2017															
Nº	S	M	T	W	T	F	S	Nº	S	M	T	W	T	F	S	Nº	S	M	T	W	T	F	S	Nº	S	M	T	W	T	F	S					
1	1	2	3	4	5	6	7	5		1	2	3	4	9		1	2	3	4	13		1														
2	8	9	10	11	12	13	14	6	5	6	7	8	9	10	11	10	5	6	7	8	9	10	11	14	2	3	4	5	6	7	8					
3	15	16	17	18	19	20	21	7	12	13	14	15	16	17	18	11	12	13	14	15	16	17	18	15	9	10	11	12	13	14	15					
4	22	23	24	25	26	27	28	8	19	20	21	22	23	24	25	12	19	20	21	22	23	24	25	16	16	17	18	19	20	21	22					
5	29	30	31					9	26	27	28					13	26	27	28	29	30	31		17	23	24	25	26	27	28	29					
May 2017							June 2017							July 2017							August 2017							Nº	S	M	T	W	T	F	S	
18	1	2	3	4	5	6		22		1	2	3		26		1		31		1	2	3	4	5												
19	7	8	9	10	11	12	13	23	4	5	6	7	8	9	10	27	2	3	4	5	6	7	8	32	6	7	8	9	10	11	12					
20	14	15	16	17	18	19	20	24	11	12	13	14	15	16	17	28	9	10	11	12	13	14	15	33	13	14	15	16	17	18	19					



3. Consistency

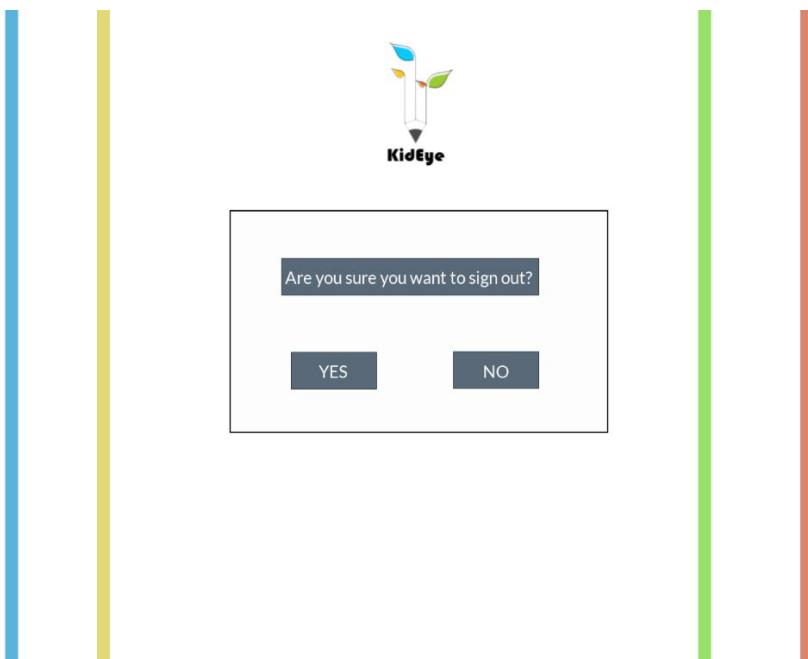
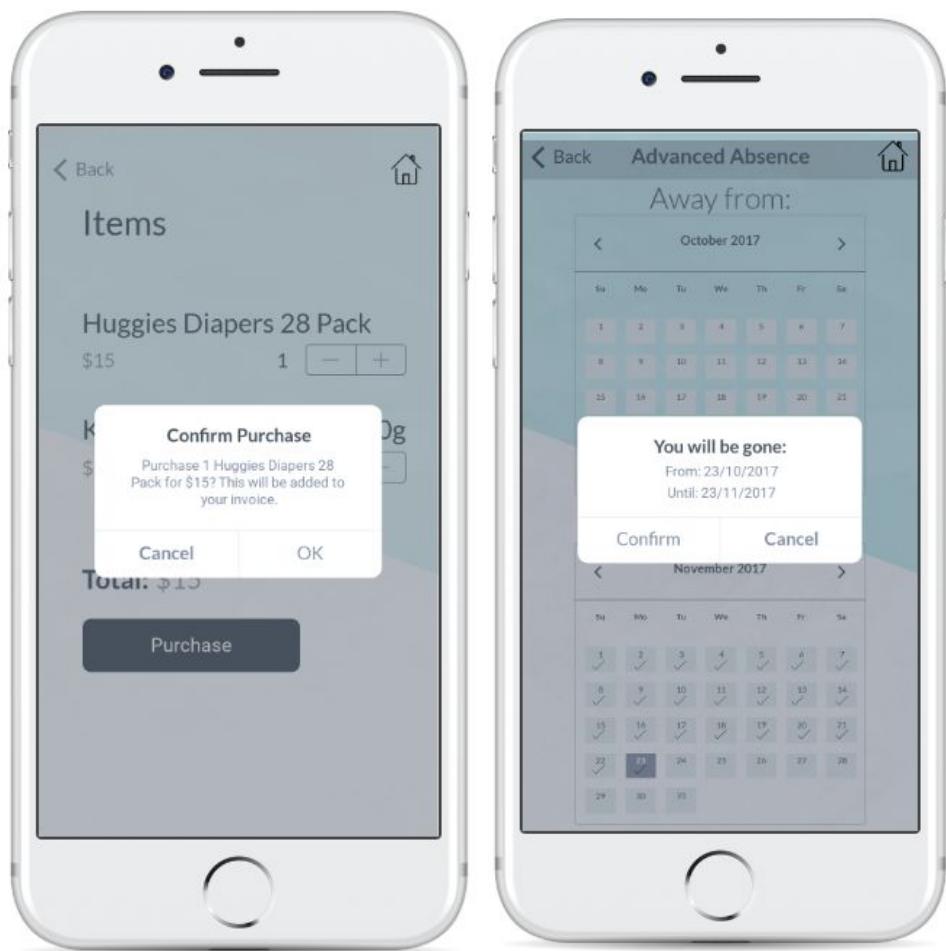
The theme and colour scheme of the GUIs are consistent and does not change within the systems functions/pages. The icons, text font, buttons and size of buttons/fonts are centred around a similar theme and also provide consistency within the GUIs. An example of this is the similarities between the app's home screen and the website's navigation bar.

The image displays two side-by-side screenshots of the KidEye mobile application. The left screenshot shows the home screen with a navigation menu on the left containing 'Daily Report', 'Supplies Stock', 'Child Profile', 'Forum', and 'Attendance'. The right screenshot shows the 'Attendance' screen with options like 'Sign In Child', 'View Attendance History', 'Advanced Absence', and 'Early Sign Out'. Both screens feature a central image of a smiling child and a red box highlighting the 'Attendance' menu item. Below these screenshots is a screenshot of the Happy Duckling FCF website. It features a top navigation bar with 'Happy Duckling FCF' and user profile information ('Hi, Sarah!', 'SIGN OUT'). A red box highlights the 'Manage Grace's Profile' button in the top navigation. The main content area includes a 'Today's Posts On Parent Forum' section with posts from 'Zoe' and 'Mark', a 'Grace's Diaper Changes for Last Week' chart, a 'GRACE'S SLEEPING PATTERN FOR THE PREVIOUS MONTH' pie chart, and a 'What's new?' feed with updates from 'Ms Mandy'.



4. Forgiveness

Users of both Mobile App and Website GUI are allowed free reign over exploration and trial of all functions where they will not face any detrimental punishments for any misclicks or mistakes. In the mobile app, the system asks for confirmation before the user makes a significant decision like buying stocks or declaring an advanced absence. This gives them a second chance where they can take back their decision if the click was a mistake.



5. Feedback

Both GUIs are responsive and provide feedback for the users actions. For example, when buying stocks, after a purchase is made, the user will see on the screen that their stock numbers have increased and an alert at the bottom will inform them that their purchase has been successful. On the website, when you edit your profile or your child's information as a parent, editing will change the edit button to 'updated' to inform parents the changes have been saved and they'll be able to see the updated information.



Parent/Guardian Contact Details:
Father: Mark White. Contact Number: 0215467894
Mother: Sarah White. Contact Number: 0221786234

Home Address: 35 Cooks Road, Avondale, 0634.

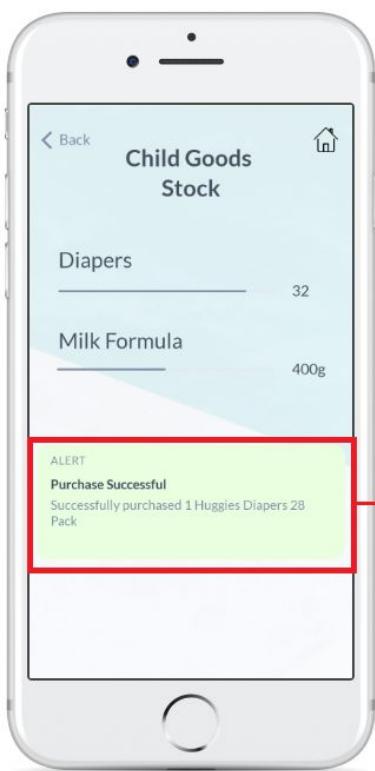
Home Phone Number: 49 09 77423

Health Issues: None.

Allergies: Fish, shellfish.

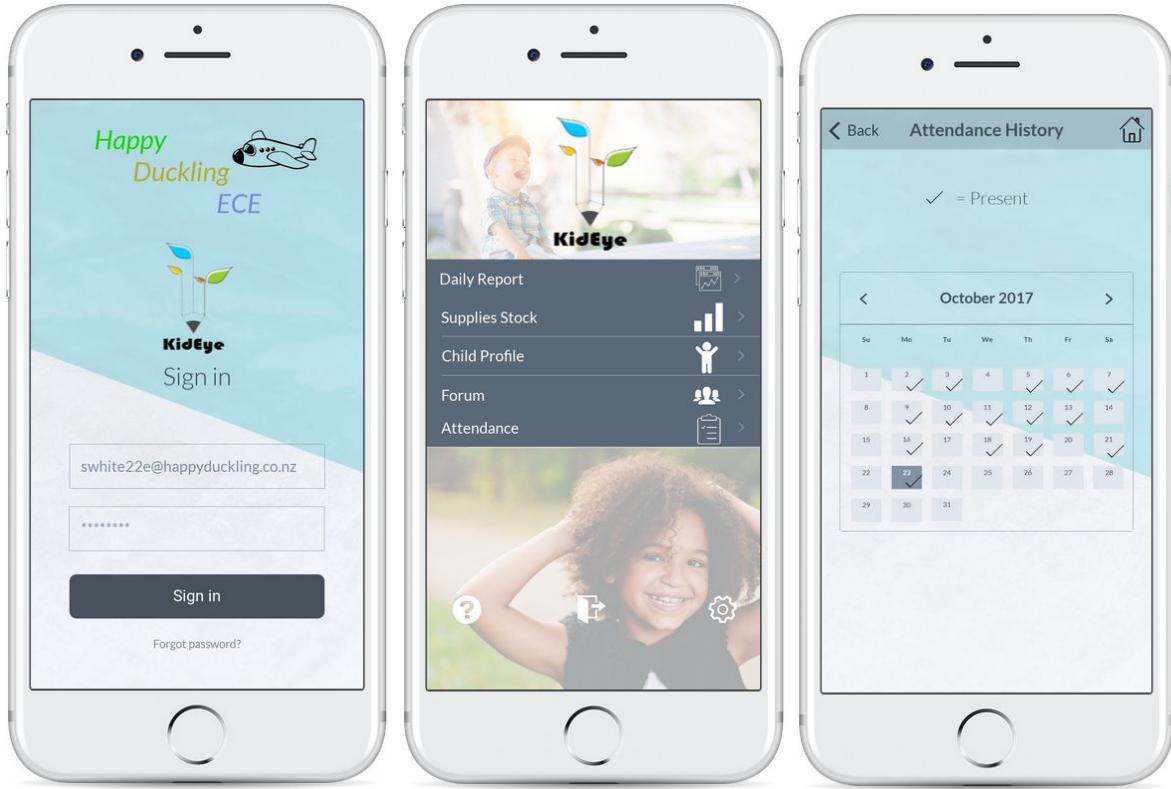
Informs parents the info has been updated

✓ UPDATED



6. Aesthetics

The aesthetics aspect of both GUIs promotes a clean and simple approach to a modern day design. This makes the functions provided by the KidEye system easy to use as well as easy to understand. Simple colours of white, black, grey and blue are used to make sure it is not too confusing to the eyes of older parents/guardians who are using the system while also sporting a more professional look.

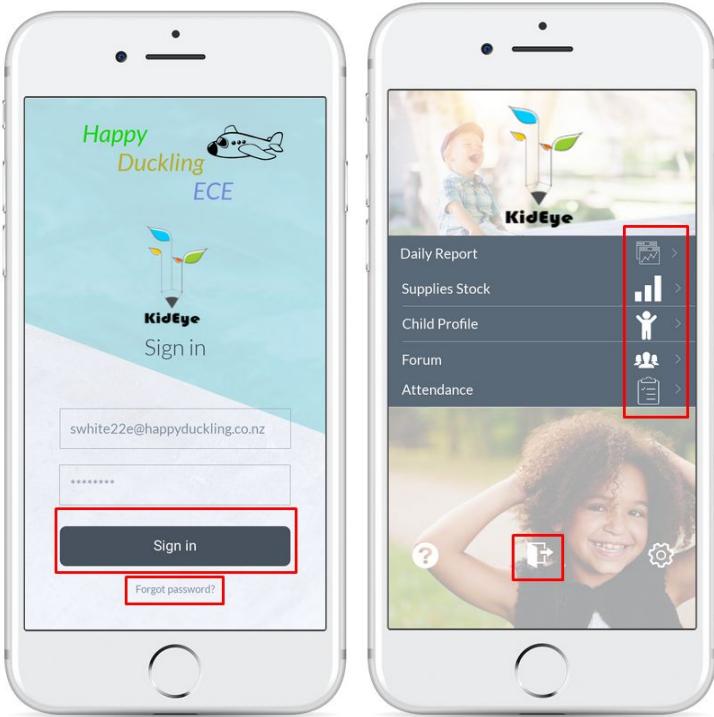


Child Name	Date of Birth	Nationality	Contact Details	Health Issues	Additional Comments
Grace Rachel White	22nd January 2015.	New Zealand.	Father: Mark White. Contact Number: 0215467894 Mother: Sarah White. Contact Number: 0212786234 Home Address: 24 Crystal Crescent, Greenlane, Auckland. 0679. Home Phone Number: 49 09 77423	None.	It is important that Grace is motivated to play with other children as she is very shy.
Sarah White	26 September 1989.	New Zealand.	Home Address: 24 Crystal Crescent, Greenlane, Auckland. 0679. Home Phone Number: 49 09 77423	None.	Occupation: Business Analyst.

7. Simplicity

The KidEye mobile app and website is designed based on simple colours that are not too eye-catching, simple layout with well-known icons that represent each function of the GUI effectively. The use of well-known icons will reduce the need for users to adapt to and learn about a new system as well as simplicity of design allowing for ease of understanding. The clean and simplified design also allows for easy navigation and exploration of the app whilst reducing the risk of glitches or bugs in the system at the same time.

GUI 1 Mobile App



GUI 2 Website

Hi, Selina! SIGN OUT



Happy Duckling ECE

FCF

Manage My Profile

Dashboard
Attendance
Daily Reports
Daily Stock
Children Profile's
Roster
Manage My Profile

Current Diaper Stock

Class 6 - Diaper Stock (30 Students)



Stock Level	Count
Sufficient Stock	18
Low Stock	7
Very Low Stock (Urgent)	5

⚠️ 5 children with 'very low stock diapers'

Last Week Sleeping Pattern

Class 6 Sleeping Pattern from Last Week



Day of the Week	Nap Time Length (Hours)
Monday	2.0
Tuesday	1.0
Wednesday	2.0
Thursday	2.0
Friday	3.0

To do...

Organise transportation to the zoo
Print-out hand outs for class 6
Order painting supplies

Coming up...

- 📅 Zoo trip for class 6
- 📅 Teacher's First-Aid Course
- 📅 Roster meeting
- 📅 Online Health & Safety assessment

Photo Gallery



>

Appendix: Progress reports

INFOSYS 220

Group assignment weekly progress report

Reporting period	Tuesday 8/05/2018 to Friday 25/08/2018
Group number	Group 3
Group members	Bhavya Kukreja (BK); Prachi Brahmbhatt (PB); Chi Tong Fang (CF); Ki Hun Kim (KK); Jonas Rogado (JR)

Meeting #1 minutes and actions

Date of meeting: 8/05/2018

In attendance: BK, PB, CF, KK, JR

Meeting start time: 12:20pm

Meeting end time: 3:00pm

Items discussed:

- Modules
- Use Cases
- Functionalities of Use Cases

Meeting #2 minutes and actions

Date of meeting: 12/05/2018

In attendance: BK, PB, CF, KK, JR

Meeting start time: 2:00pm

Meeting end time: 4:30pm

Items discussed:

- Worked on proposal
- Worked on both GUI

Meeting #3 minutes and actions

Date of meeting: 21/05/2018

In attendance: BK, PB, CF, KK, JR

Meeting start time: 10:00am

Meeting end time: 3:00pm

Items discussed:

- Worked on GUI
- Lab presentation

Meeting #4 minutes and actions

Date of meeting: 25/05/2018

In attendance: BK, PB, CF, KK, JR

Meeting start time: 12:10pm

Meeting end time: 7:00pm

Items discussed:

- System Architecture
- Entity Tables and attributes
- Prototype documentation (Videos for each use cases etc.)

Main tasks accomplished this week

Task	Who contributed
Manage Child Reports - (Parents)	PB, CF
Updating Child Daily Logs	BK, CF, KK
Managing Child Stock (Parent and Teacher)	BK, PB, CF, KK,JR

Main targets next week

Task	Who's responsible
Complete function outlines for 5 use cases.	BK, PB, CF, KK,JR
Complete the main functions on the website GUI.	BK, PB, CF, KK,JR
Complete the main functions on the App GUI.	BK, PB, CF, KK,JR

System Architecture

