


Kinder-Tracker Functional Specification Document

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I. DESCRIPTION


This application is developed based on the idea of wanting to digitalize a child's activity diary in kindergarten/daycare. So, it is like an online simulation of a daily kid's activity diary.

Datum: / /20 Naam: _____

 Ik sliep vannacht: goed - matig - slecht

Info van thuis: _____

Wie komt mij afhalen? _____

 Fruit: _____


super - matig - slecht

Middagmaal: _____

super - matig - slecht







Vieruurtje: _____

super - matig - slecht

 _____

 _____

Vandaag hebben we: _____

Ik voelde mij vandaag: blij boos verdrietig ziek moe

Main functions: The web application will allow parents and teachers can fill and track information of kid'activities at home and at daycare.

The **user (parents + teachers)** can:

- **Login:** each parents and teacher will be given 1 username + password by the admin (so, they cannot create their account by themselves). User is required to log in to use the application.
- **View** Kid's Activity By Day or By Week (the parents can only view their kid, the teachers can view all kids in the daycare)
- **View** Kid's Profile (the parents can only view their kid, the teachers can view all kids in the daycare)

The **parents** can:

- **Edit** their Kid's Activity **at Home Today** (cannot edit days in the past or in the future)
- **Edit** their Kid's Profile (for example: parents can update their new address, new mobile phones, new emails...)

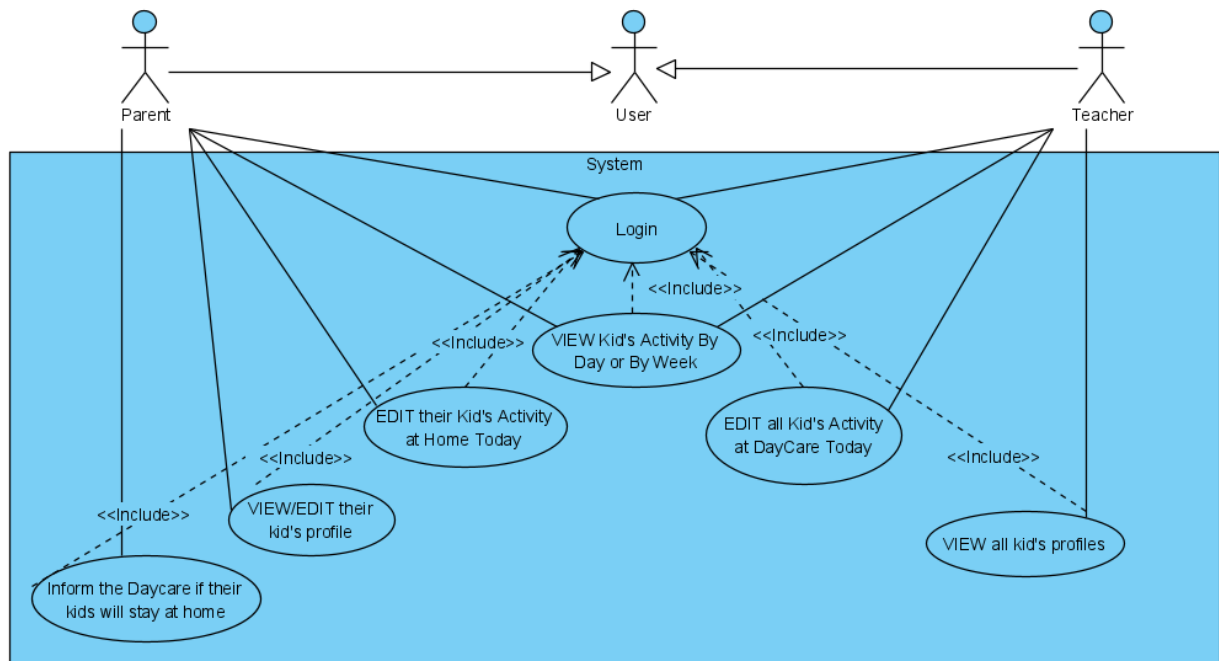
- **Inform** the Daycare if their kids will stay at home - by sending a form (it is necessary to mention a specific reason).

The **teachers** can:

- **Edit** all Kid's Activity **at DayCare Today** (cannot edit days in the past or in the future)

Notes: in the scope of this app, I will not do the administrator part.

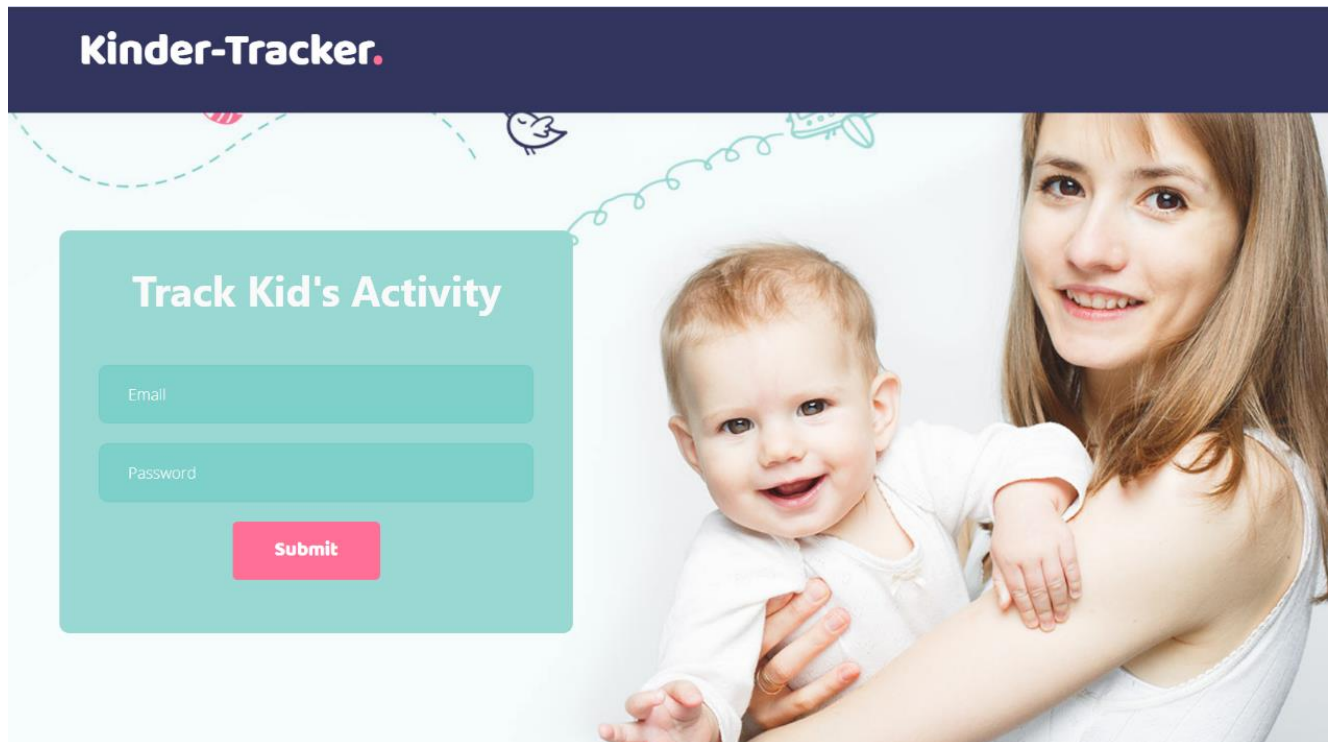
User Case Diagram:



II. MOCK-UP

1. Login

User (parents/teacher) can provide their username + password to login



2. Parents' Homepage

In the homepage, parents can choose to view their kid's activity today, yesterday or by week. They also can view their kid's profile or inform if their kid won't come to daycare.



3. Kid's Profile

When user click on their's kid Profile, the app will display the kid's profile information and user (parents) can edit/update the profile.

Kinder-Tracker.



View Minh Duy's Profile

Aenean sollicitudin, lorem augi elit consequat ipsutissem niuis sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.


[Edit Profile](#)


Minh Duy NGUYEN

Date of Birth:	15/04/2019
Address:	Blabla
Name of Father:	Blabla
Mobile's Father:	0958709154
Name of Mother:	Blabla
Mobile's Mother:	0958709154

4. Inform if the kid won't come

If the kid won't come to daycare due to some reasons, parents can send a form (specific a date and reasons)

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Inform us if Minh Duy won't come to daycare

Aenean sollicitudin, lorem augi elit consequat ipsutissem niuis sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.

Date: 16/04/2021

Reasons: ONE for Vaccination

Submit

April 2021

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

5. Edit Kid's Activity *at Home Today*


By clicking to the 'Today' button in the Homepage, parents can reach the Today Page. They can edit /save the content in the 'At Home' section by clicking to Edit/Save button.


For example:

- Add description regarding the eating/health state of the kid at home
- Add some remarks if necessary
- Choose the state icon corresponding to their kid's mood/health state

They also can click to the 'Prev Day' / 'Next Day' button to choose the previous day/ next day OR click to the 'By Week' button to view by week.

(Notes: since after editing information and saving => the information will be changed without reloading or changing into other page => so I think it needs to **use AJAX** here?)

Kinder-Tracker.






**Minh Duy****Class - Butterfly****14/04/2021**

Aenean sollicitudin, lorem augi elit consequat ipsutissem niuis sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.

At Home

EditSave

07.00: 200 ml bottled milk
Pick up at 12.00 for vaccination



At Kindergarten






BlablaBlablaBlabla

Blabla

BlablaBlablaBlabla

Blabla

BlablaBlablaBlabla

Blabla

Prev DayBy WeekNext Day

6. View Kid's Activity *by week*

By clicking to the 'By week' button in the Homepage, parents can reach the By Week Page. They can view general information of 5 days per week. Each day contains the date and some general info, user can click to 'See More' button to view the specific date.

- Days in the past: contain general health/mood icon at home and at daycare
- Today: contain general health/mood icon at home and at daycare (depends on the time, for example: at 10.am – the general mood icon for 'At home' has been done but not yet done 'At Daycare' – it would be done at the end of the day)
- Days in the future: normally do not contain any general information (except in the case the kid stay at home if the parents send the 'Inform' form)

Kinder-Tracker.

**Minh Duy** **Class - Butterfly** **Week:12 -16/04/2021**
Aenean sollicitudin, lorem auct elit consequat ipsutissem niuis sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.

12/04/21


[See More](#)

13/04/21


[See More](#)

Today
14/04/21

[See More](#)

15/04/21
[See More](#)


16/04/21
AT HOME
ONE for Vaccination
[See More](#)


[Prev](#) [Next](#)

7. View Kid's Activity *by day (in the past)*

Parents/ Teachers can view kid’s activity in the past but cannot edit them.

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Minh Duy






Class - Butterfly

13/04/2021

Aenean sollicitudin, lorem augi elit consequat ipsutissem niuls sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.

At Home

07.00: 200 ml bottled milk
Pick up at 12.00 for vaccination



At Kindergarten

Blabla

Blabla

Blabla

Blabla

Blabla

Blabla






Blabla

Blabla

Blabla

Blabla

Blabla

Blabla

Prev Day

By Week

Next Day

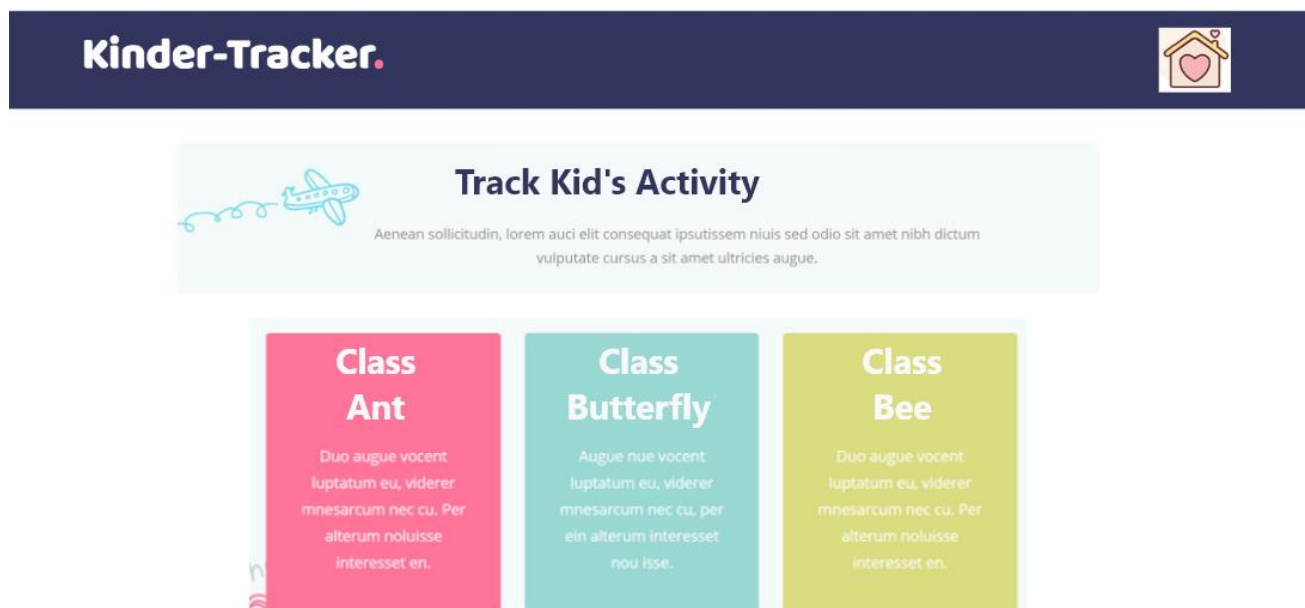
8.a. Parents/ Teachers can view the unfilled diary in the future but cannot edit them.

8.b. In the case if the kid is planed to stay at home:

8

9. Teacher's Homepage

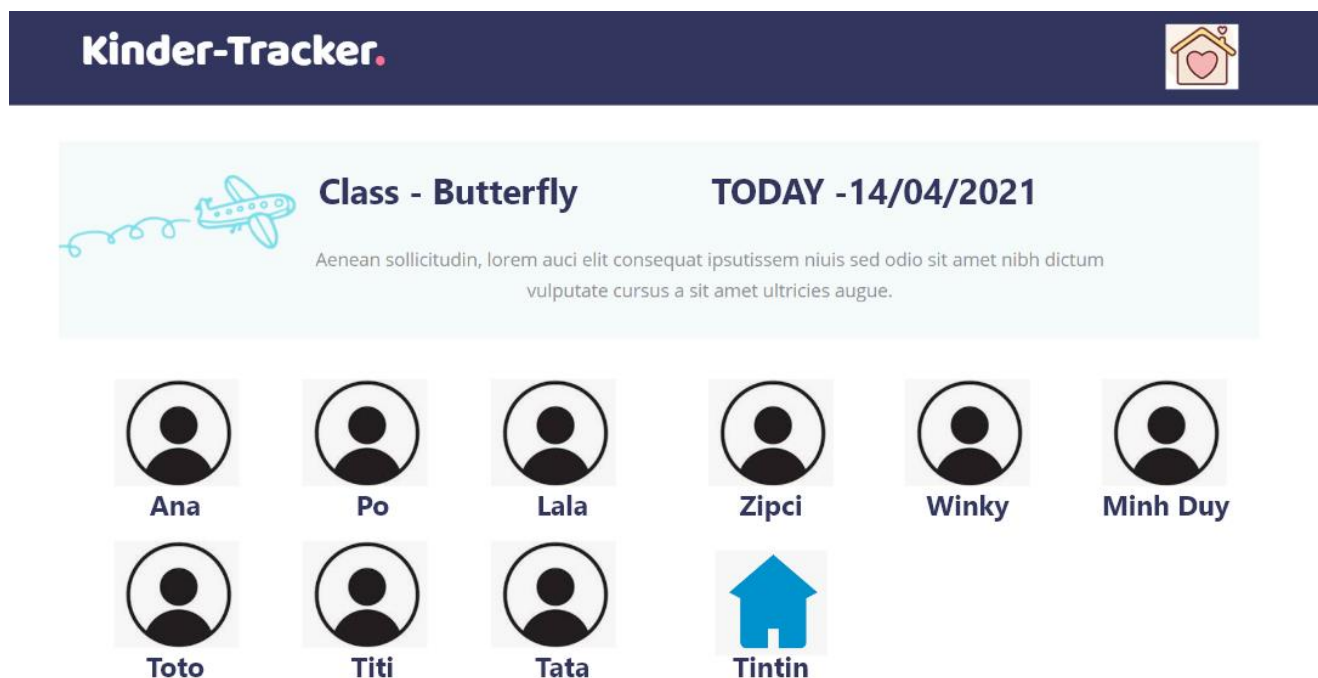
In the homepage, teacher can choose the class that she wants.



10. Specific Class

After choosing the class, she can reach the list of all kids in the class Today. If there are someone stay at home, the icon will be 'home' icon.

For example: today, Tintin stay at home, if clicking to 'Tintin' => the app will display the page specified the reason why Tintin stays at home today – **See the item 8.b**





11. Specific Kid Activity

If the teacher click to a child (not stay at home), the app will display the specific page related to the child. The teacher can add the information in the “At Kindergarten” section by clicking to Edit/Save button.

(Notes: since after editing information and saving => the information will be changed without reloading or changing into other page => so I think it needs to **use AJAX** here?)

Kinder-Tracker.





Minh Duy






Class - Butterfly

14/04/2021

Aenean sollicitudin, lorem augi elit consequat ipsutissem niuis sed odio sit amet nibh dictum vulputate cursus a sit amet ultricies augue.

At Home

07.00: 200 ml bottled milk
Pick up at 12.00 for vaccination



At Kindergarten

EditSave

Blabla

Blabla

Blabla

Blabla

Blabla

Blabla

Blabla






Blabla

Blabla

Blabla

Blabla

Blabla



Prev Day

By Week

Next Day

Similarly, the teacher also can reach the previous day or next day (just view and cannot edit) or by week – See the **item 6, 7, 8**