# KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY

**INFO 2032** – Web Technologies

**Project Initial Study** : Childcare Website (Child Ease)

**Section**: 1

**Group Name**: TBD

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Submission Date: 21st June 2023

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# 1. 0 Project Description

Child Ease is a child care that provides a safe and nurturing environment for children to learn and grow. As part of our commitment to sustainability and the Sustainable Development Goals, we have launched a new website to reach out to more families and provide them with information about our programs and services.

Our website features a children-themed homepage that welcomes visitors with bright and colorful graphics and engaging content. The navigation bar provides easy access to different sections of the website, including Q&A, homeroom, donation, homepage and registration.

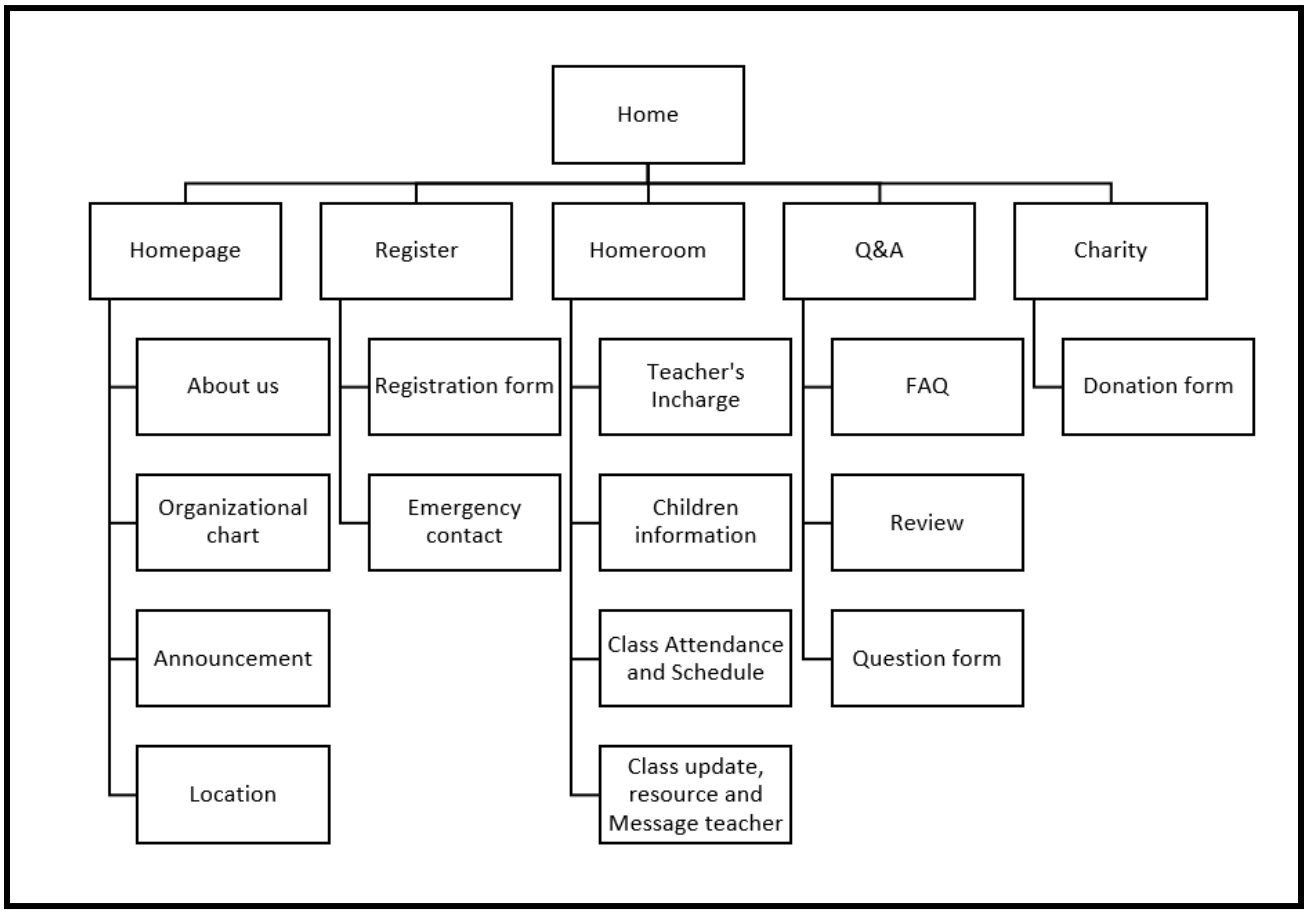
Our website's contents are designed to promote sustainability and support the Sustainable Development Goals. We provide information about our programs and services such that SDG 3: Good Health and Well-being - Child Ease's commitment to promoting healthy eating, active play, and social development aligns with SDG 3's goal of ensuring healthy lives and promoting well-being for all at all ages.

SDG 4: Quality Education - Child Ease's focus on providing high-quality childcare services that promote children's physical, emotional, and social development aligns with SDG 4's goal of ensuring inclusive and equitable quality education and promoting lifelong learning opportunities for all. To engage visitors, we use a variety of web media, including text, graphics, audio, video, and interactivity. Our website's design features a fun and playful color scheme that appeals to children and their families.

Our registration form is user-friendly and includes validation to ensure that all required fields are completed correctly. We also use Javascript and JavaScript API to implement web pages' functionality, providing an interactive and engaging user experience.At Child Ease, we are committed to providing high-quality childcare services that promote children's physical, emotional, and social development. Visit our website to learn more about our programs and services and how we can help your child thrive.

We understand that choosing a childcare provider can be a daunting task, which is why we strive to make the registration process as simple and hassle-free as possible. Our website's registration section provides clear instructions and easy-to-use forms, allowing families to register for our programs quickly and easily.Whether you're looking for full-time care or part-time care, we have a program that meets your needs. Visit our website and register your child today to give them the gift of quality childcare and a bright future.

# 2.0 Project Site-Map



# 3.0 Project Mockup

## a. Homepage

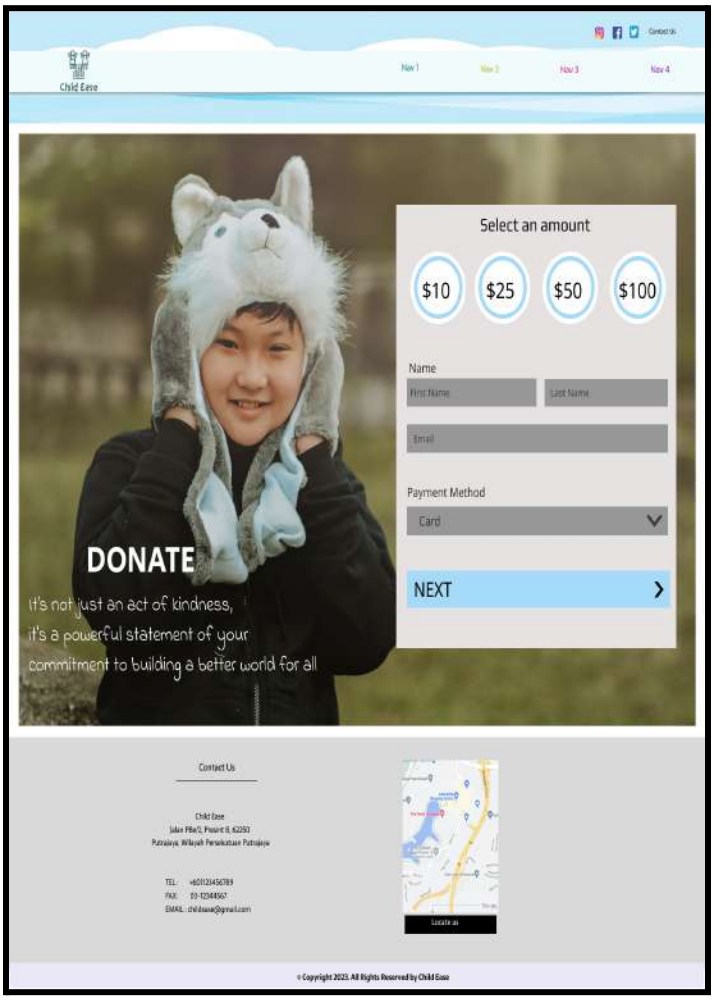
- Main Page
- Show biography about Child Ease
- Announcements to keep parents informed of the latest updates and news about the childcare Center.
- A navigation bar for easy access to important sections of the website.

## b. QNA

- Display common questions about the childcare center.
- Form for parents to submit their own questions or comments.
- Show customer reviews and testimonials about the childcare center.
- Form for parents to leave their own reviews.

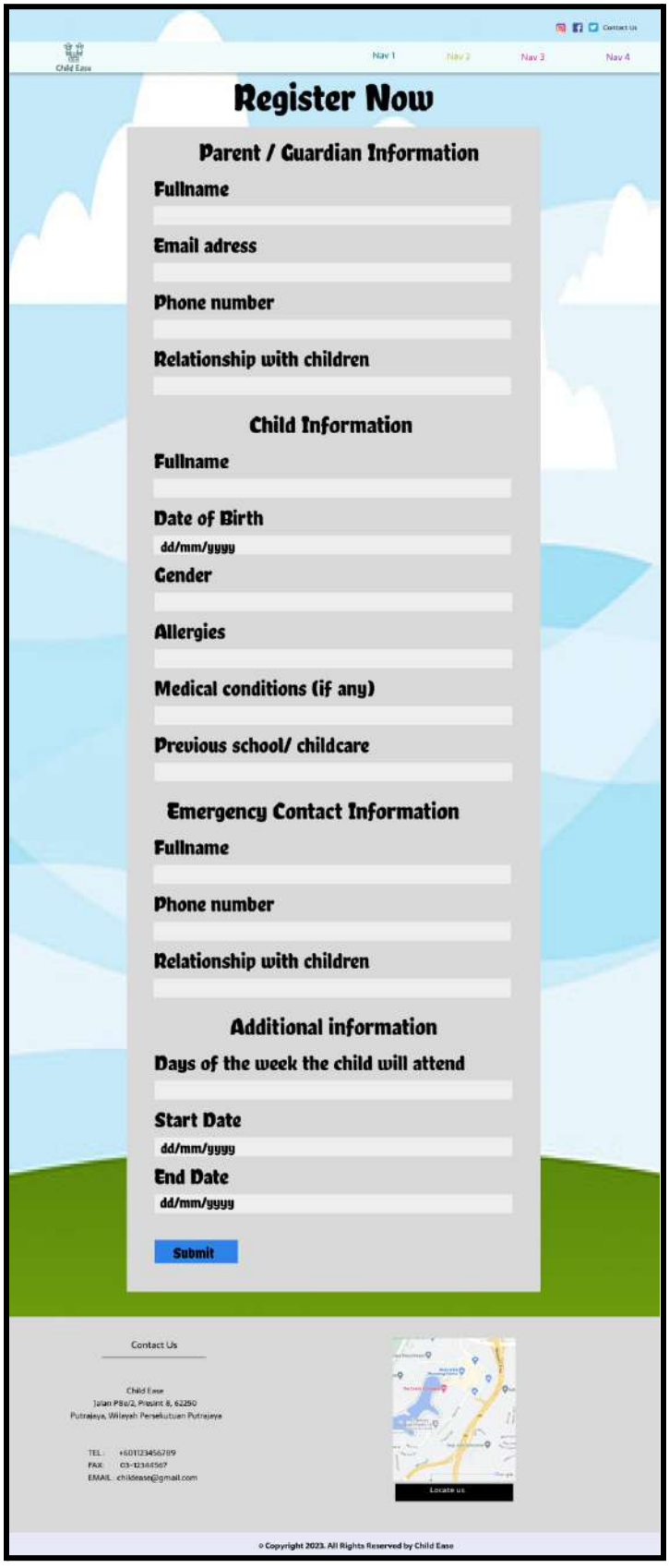
## c. Donation

- Features a donation form that asks for basic information such as name, email and donation amount.
- Users can select amount of Donation.



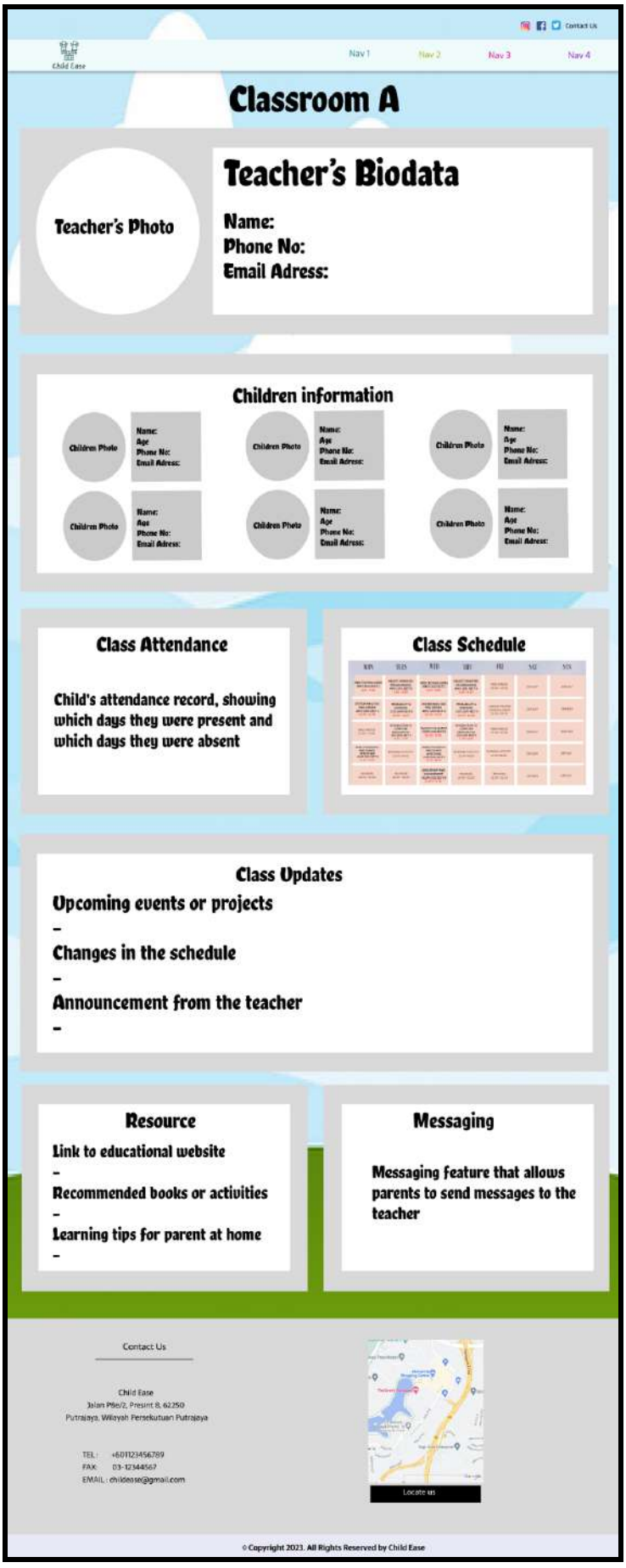
## d. Registration Page

- Parents sign up their children for care at the childcare center.
- Parents can provide emergency contact number in case there's an emergency happens at child care



## e. Homeroom

- Parents can view information about their child's assigned homeroom and teachers.
- List of homerooms with pictures of the teachers and short bios.
- A daily report section for each child that provides a summary of their day.



# 5.0 Group Contribution

| Name (matricNo) | Contributions |
|---|---|
| Amir Azim Bin Mohd Kamaruzaman (2210591) | ● **Pages**: About Us, Teacher's profile , FAQ, Donation form, header and footer<br>● **Multimedia asset(s)**: Children and teacher photo's from pexels.com<br>● Using grid for the student's profile in Homeroom page with appropriate styling<br>● JavaScript event handlers for amount chosen in Donation page. |
| Aiman Nabil Bin Johan (2217777) | ● **Pages**: Homepage for all (main homepage, register homepage, homeroom homepage, Q&A homepage, and charity homepage), organizational chart, class activity, screening and report card<br>● **Multimedia asset(s)**: every homepage media from pexels.com, organizational chart media from italeemc.iium.edu.my/my/<br>● Using grid and flexbox to make the multimedia card in homeroom page and tree to make organizational chart structure<br>● JavaScript event handlers for submission alert and pin validation |
| Adam bin Mohd Shamree (2122843) | ● **Pages**: Announcement, registration form, emergency contact, question form<br>● **Multimedia asset(s)**:announcement media from pexels and logo<br>● Utilize placeholder for every text field area<br>● Javascript animation for responsive image slider |
| Ammar Qasiem Footen bin John Anthony Footen (2217441) | ● **Pages**:Activity page, schedule page, review page &feedback page<br>● **Multimedia asset(s)**: activity and review media from pexels.com<br>● Using fa-fa-star to utilize star icon in feedback page<br>● Javascript animation for popup chat window and chatbox |

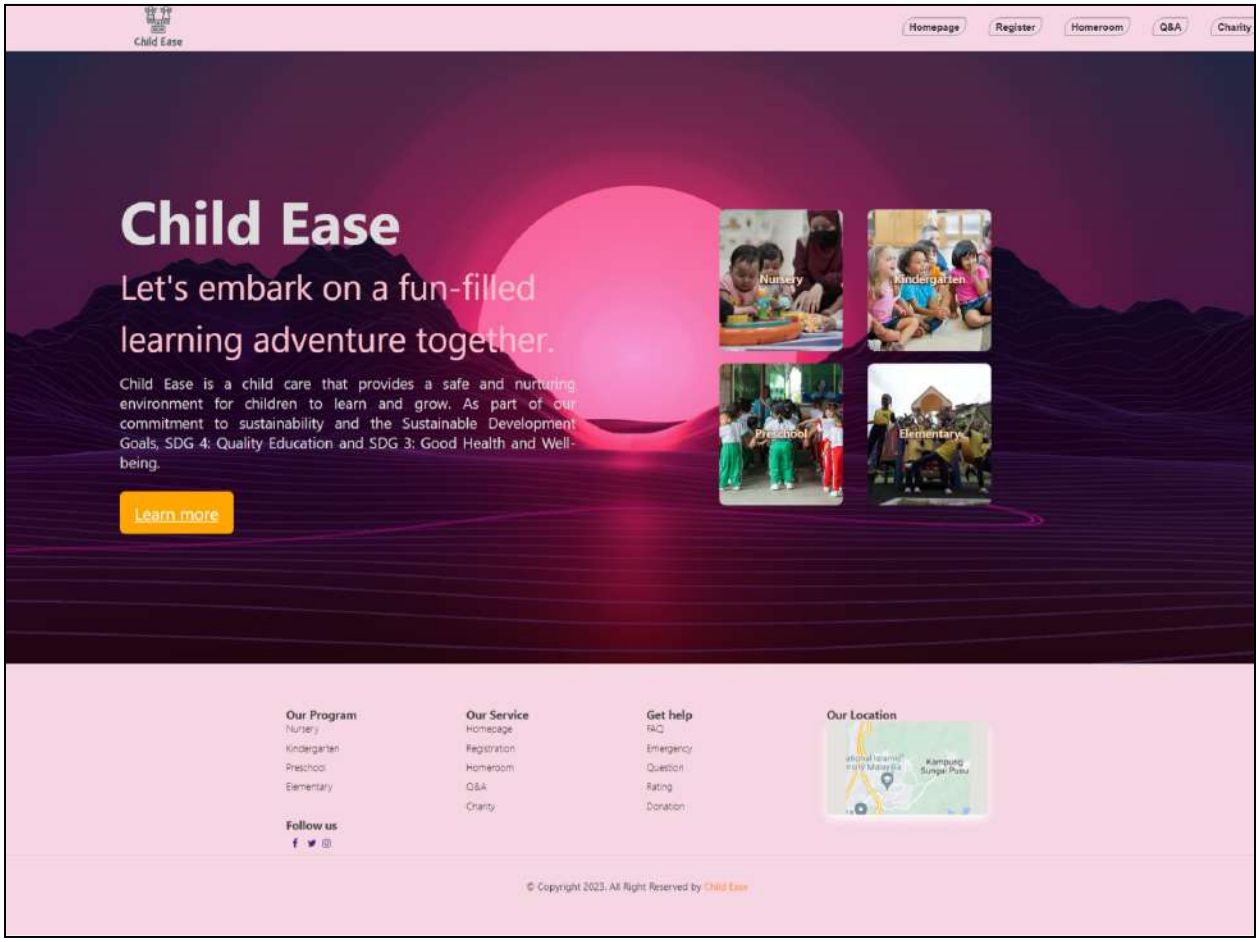
# 6.0 Use of third-party resources

| Web Element | Name | Use of third-party resources and modifications | Modifications |
|---|---|---|---|
| Accordian widget | Azim and aiman | The accordion widget (JQueryUI) is used on the FAQ page. | - Background colours and border-radius of ui-accordion-header.<br>- Adding box-shadow of ui-accordion-header.<br>- margin-bottom, margin-top and border-radius ui-accordion-content. |
| Graphics for all page | Aiman, Azim, Adam, Ammar | All graphics for the Catalogues from pexels.com, a website for high quality stock photos. | - All graphics are resized according with appropriate styling design for each page |
| Utilize ajax library for font style | Aiman, Azim, Adam, Ammar | The usage of font from external party to improve the page desing | - Modified according to the appropriate styling for each pages such as font weight and font posture to suit the visual of the audience |
| Utilize pinRegex for pin validation | Aiman | The use of “/^\d{4}$/” from regex to validate a 4 digit pin | - Only 4 digit pin will be available to pass through the teacher’s dashboard as a safety precaution |

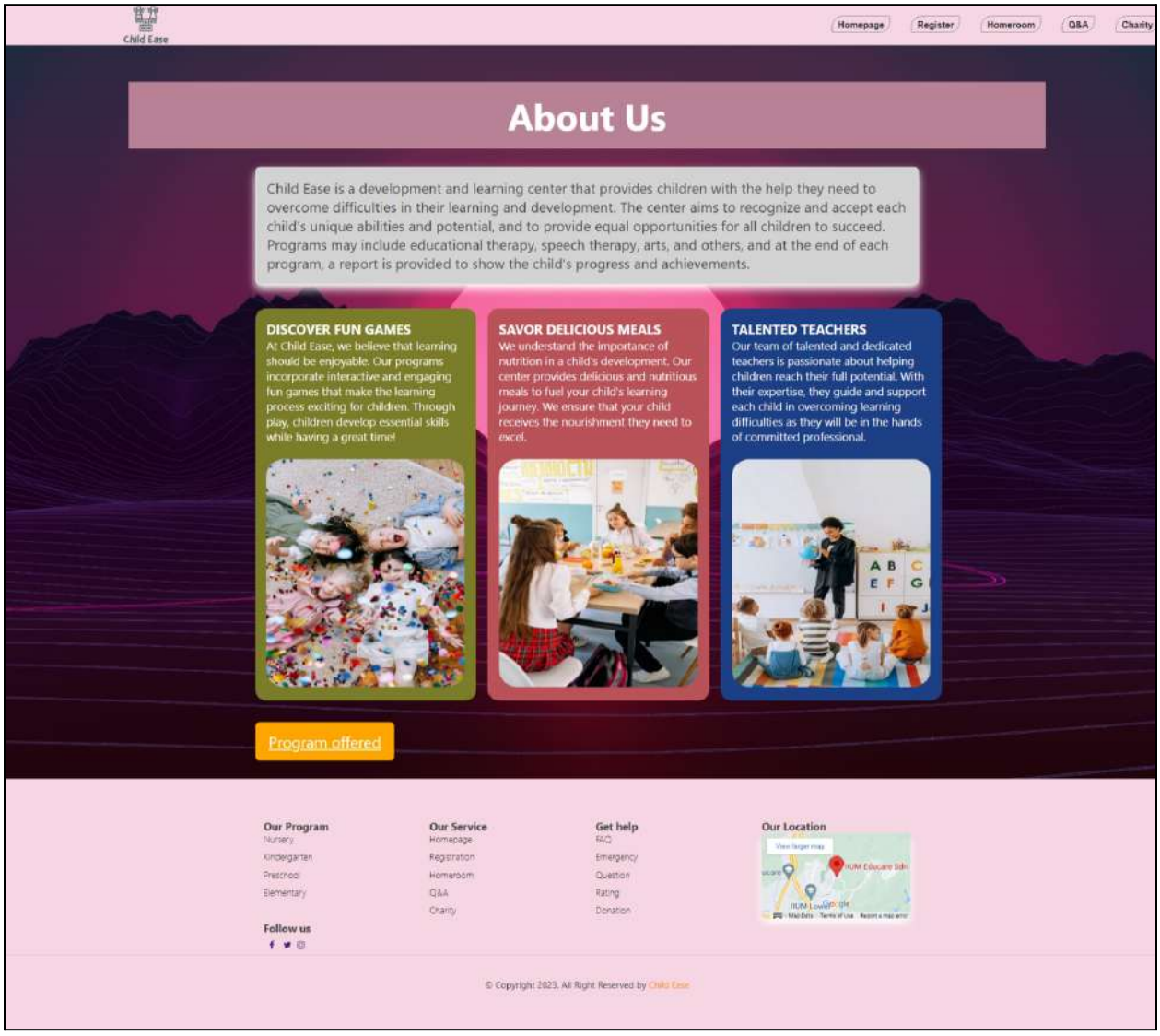
# 7.0 Updated website

## a. Homepage

- Main Page



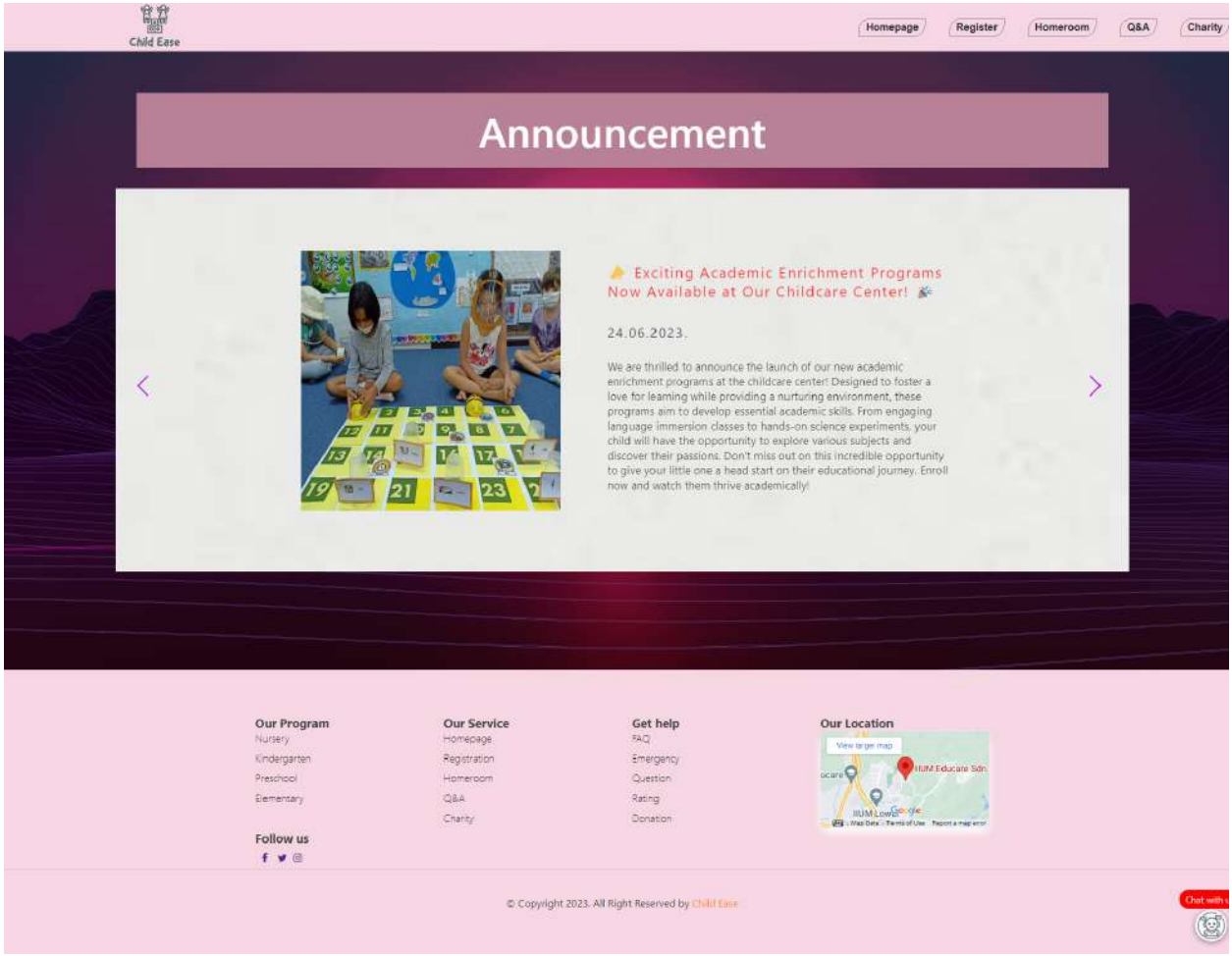
- Show biography about Child Ease



- Activity offered

- Organizational chart

- Announcements to keep parents informed of the latest updates and news about the childcare Center.



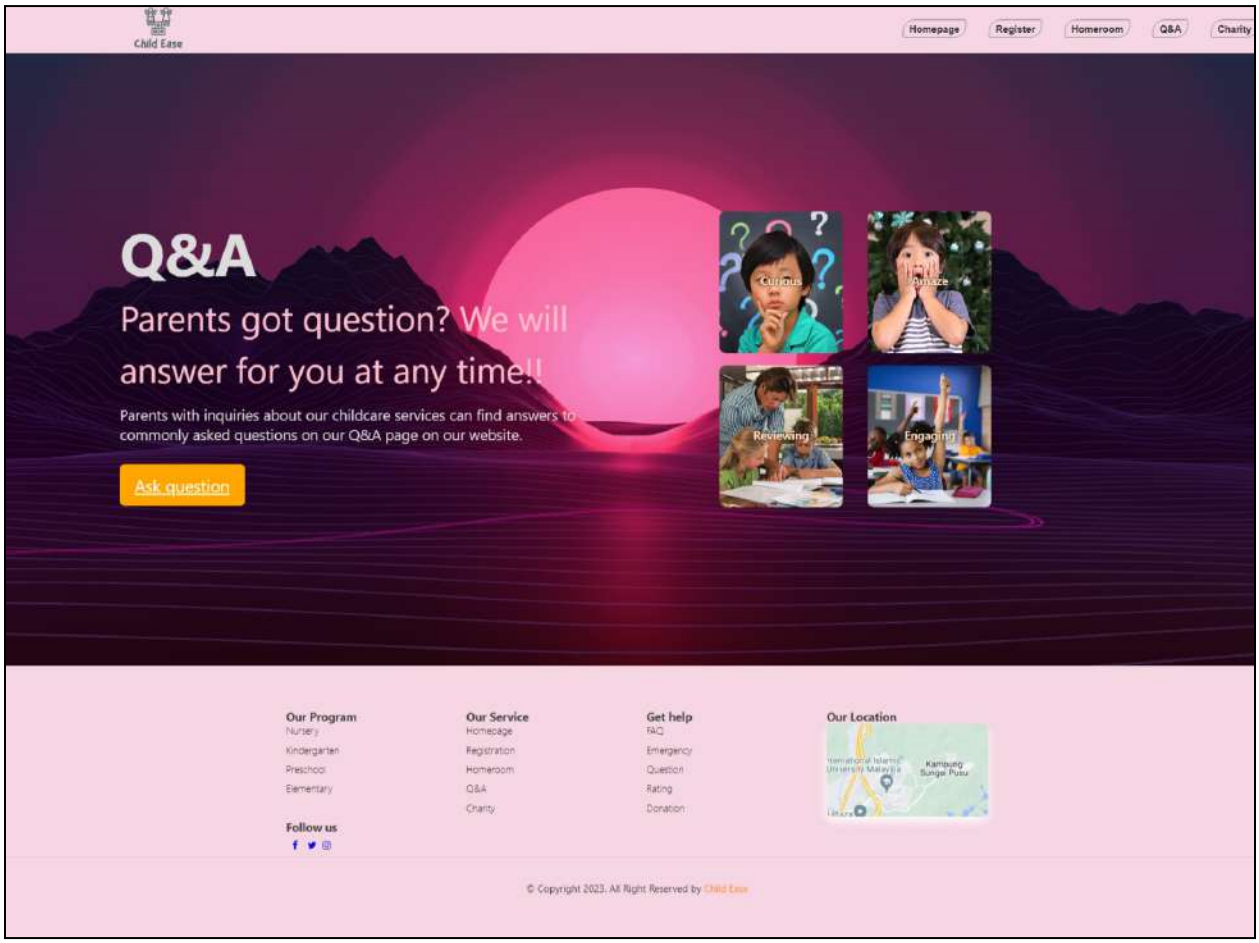
- A navigation header and footer for easy access to important sections of the Website including location

Header:

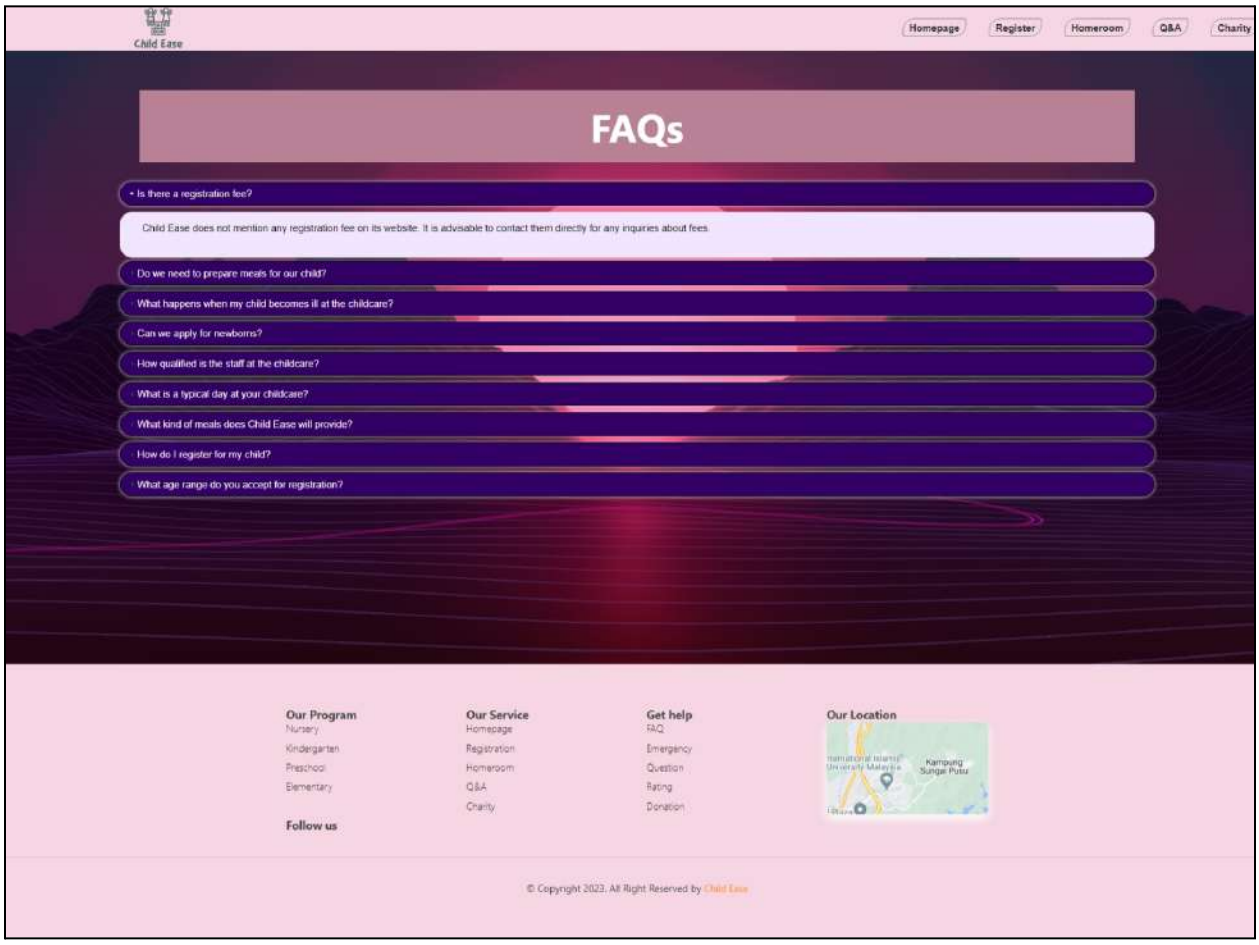
Footer:

## b. QNA

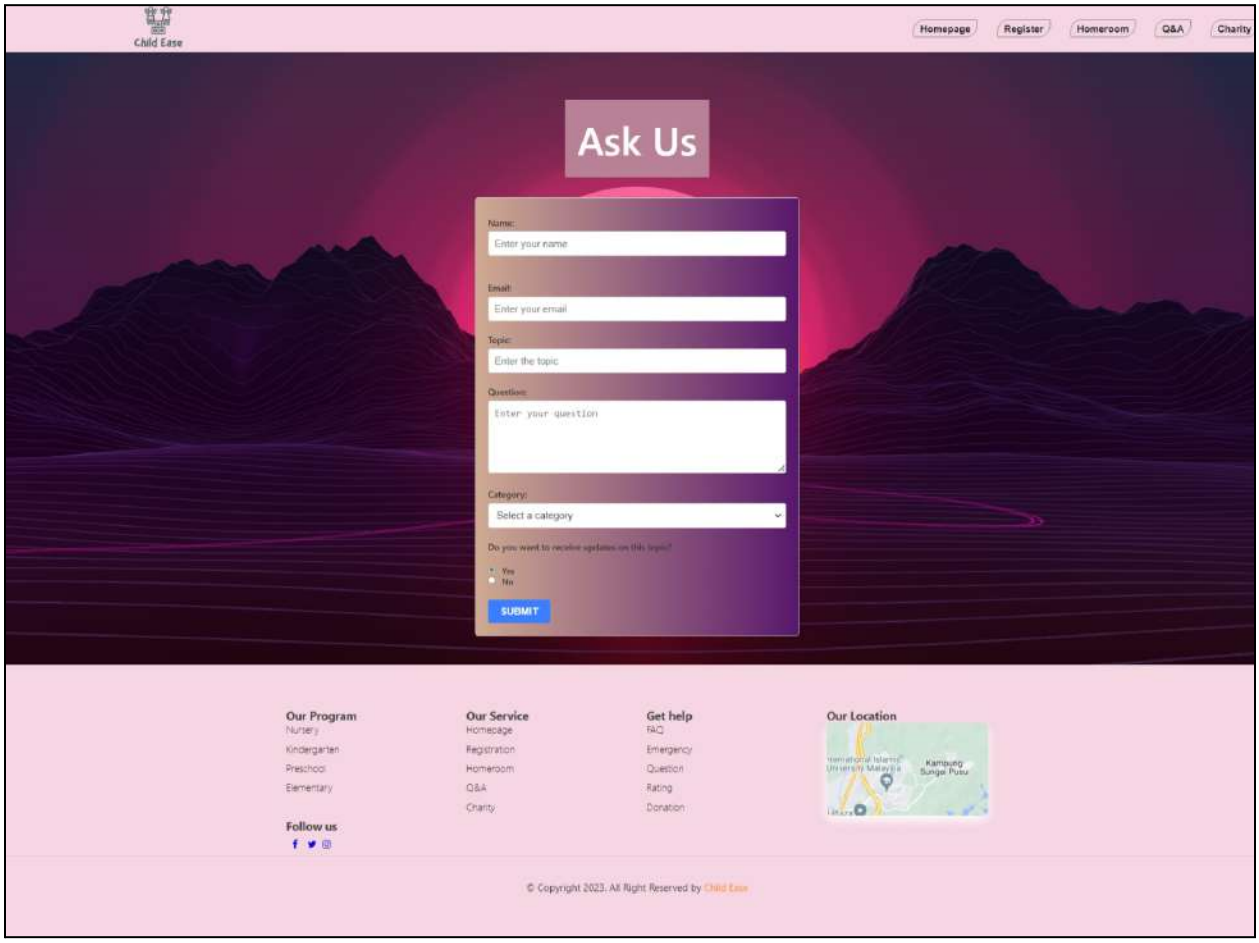
- QNA homepage



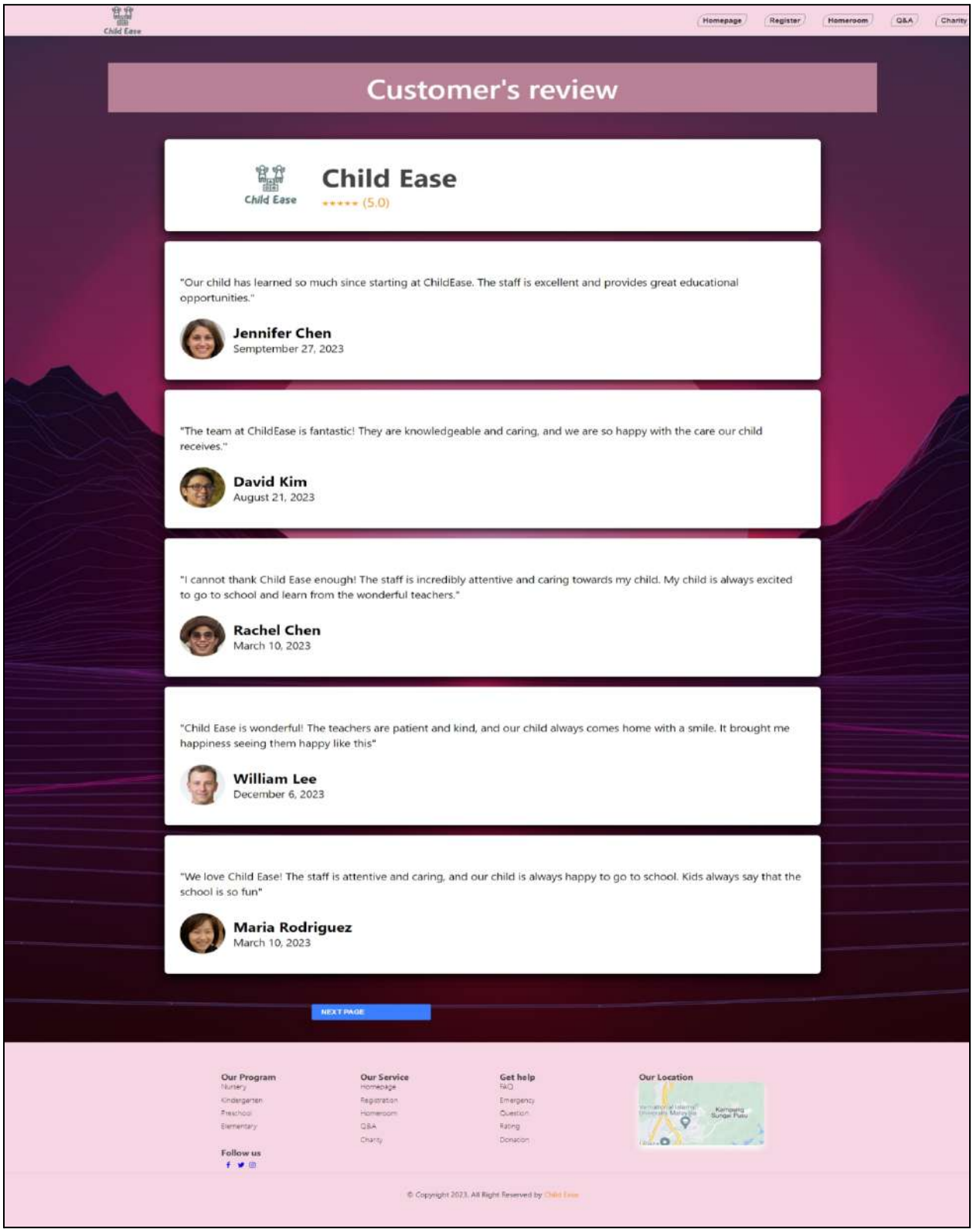
- Display common questions about the childcare center using accordion widget.



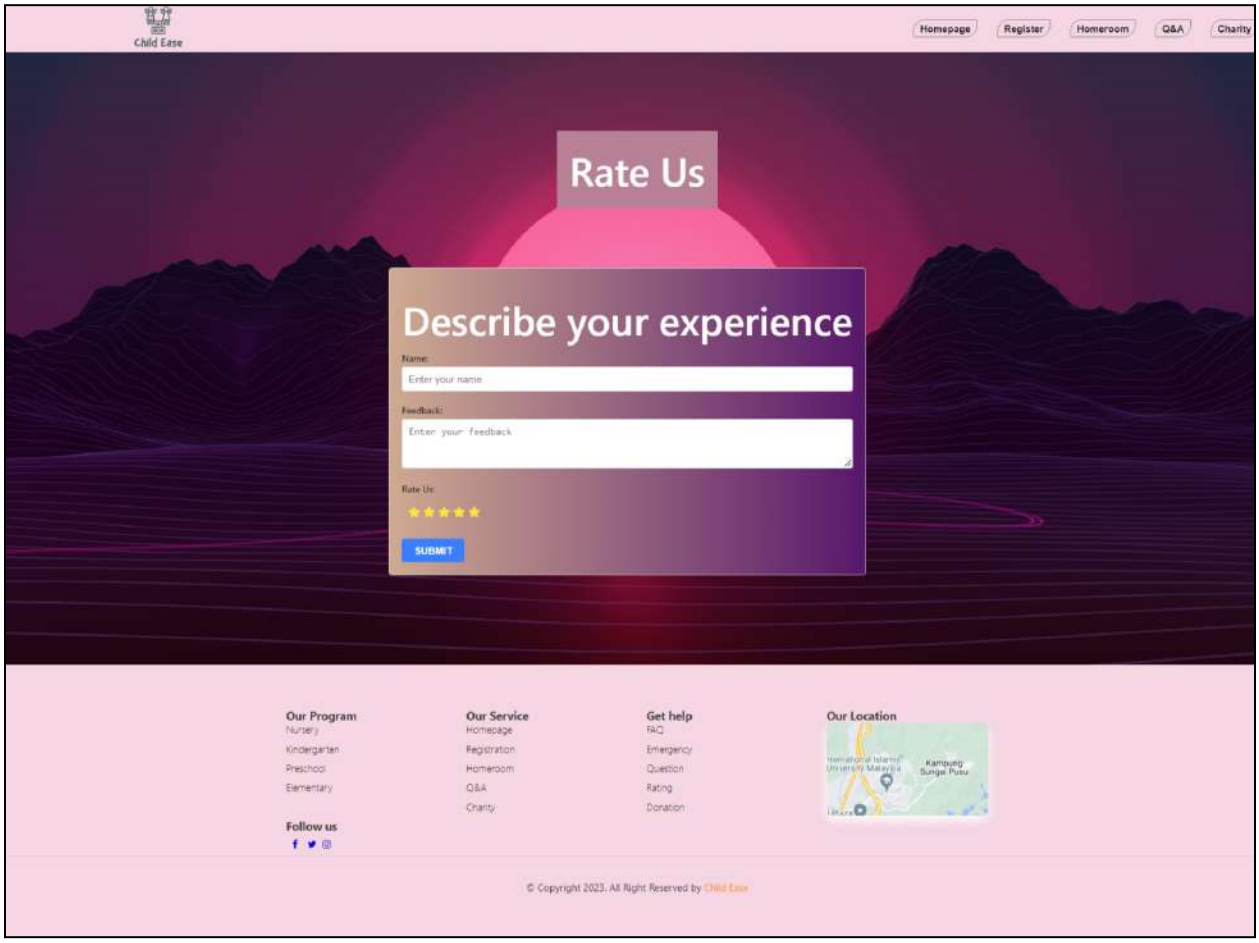
- Form for parents to submit their own questions or comments.



- Show customer reviews andtestimonials about the childcare Center.

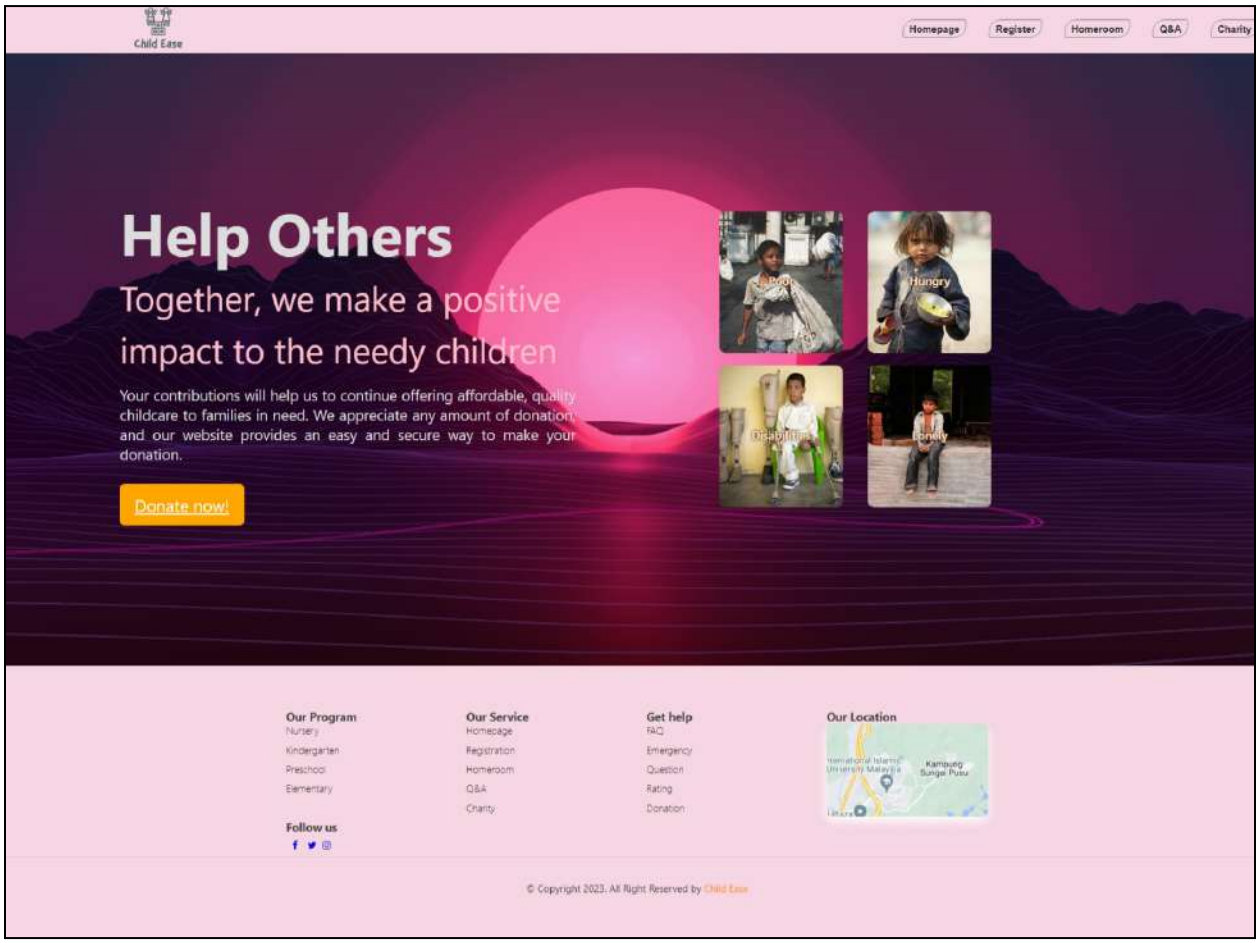


- Form for parents to leave their own reviews.

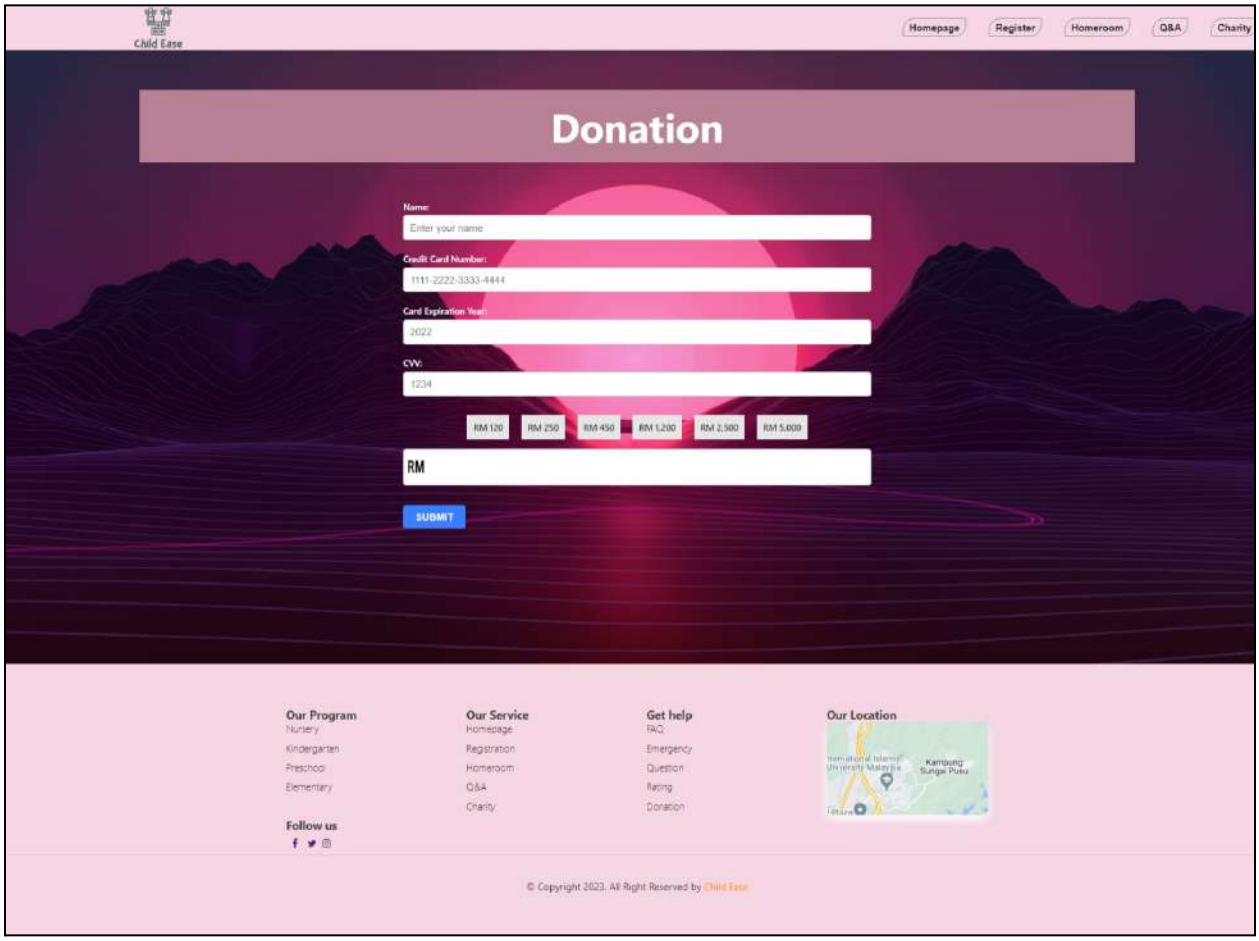


## c. Donation

- Donation homepage

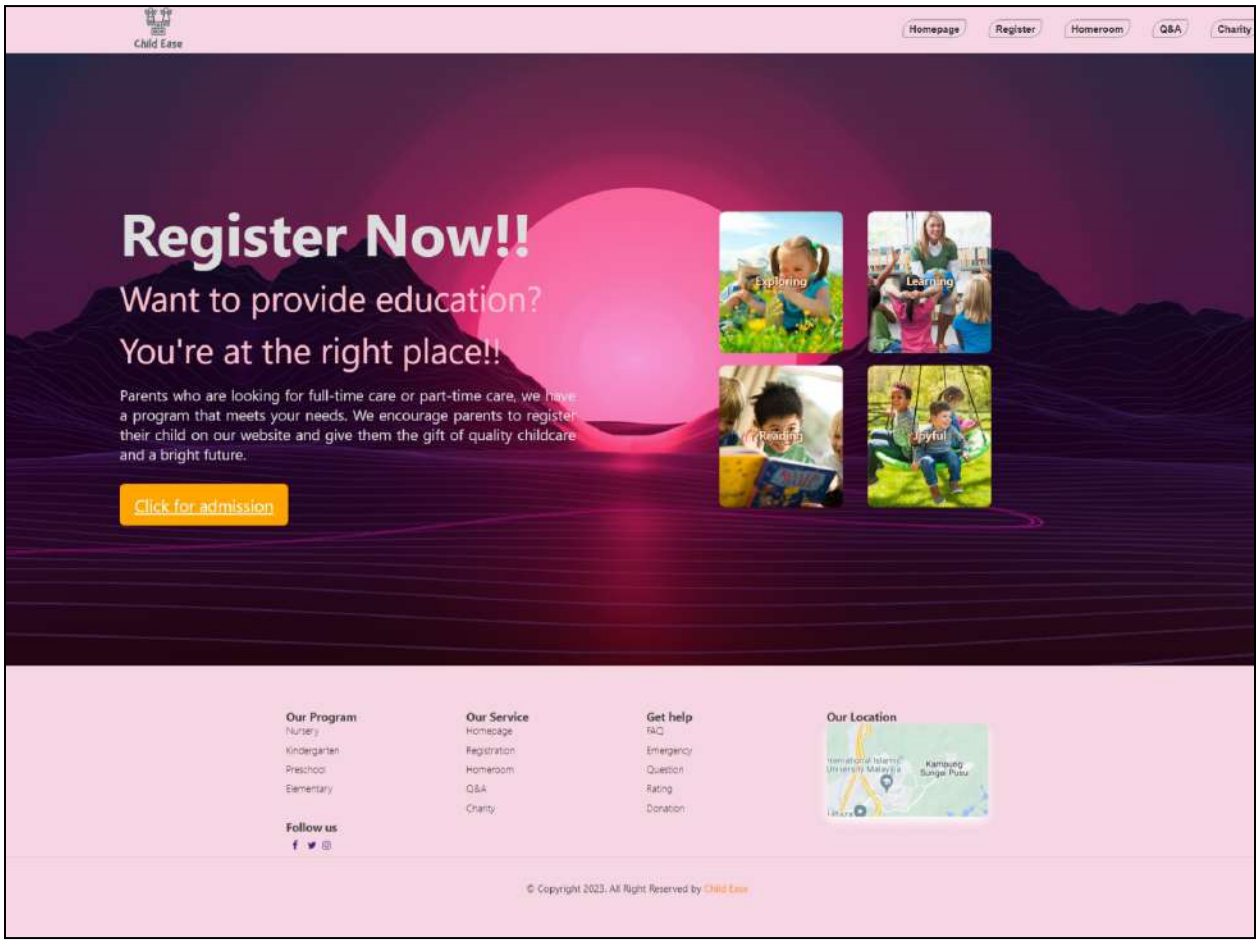


- Features a donation form that asks for basic information such as name, email and donation amount. In addition to that, Users can select amount of Donation.

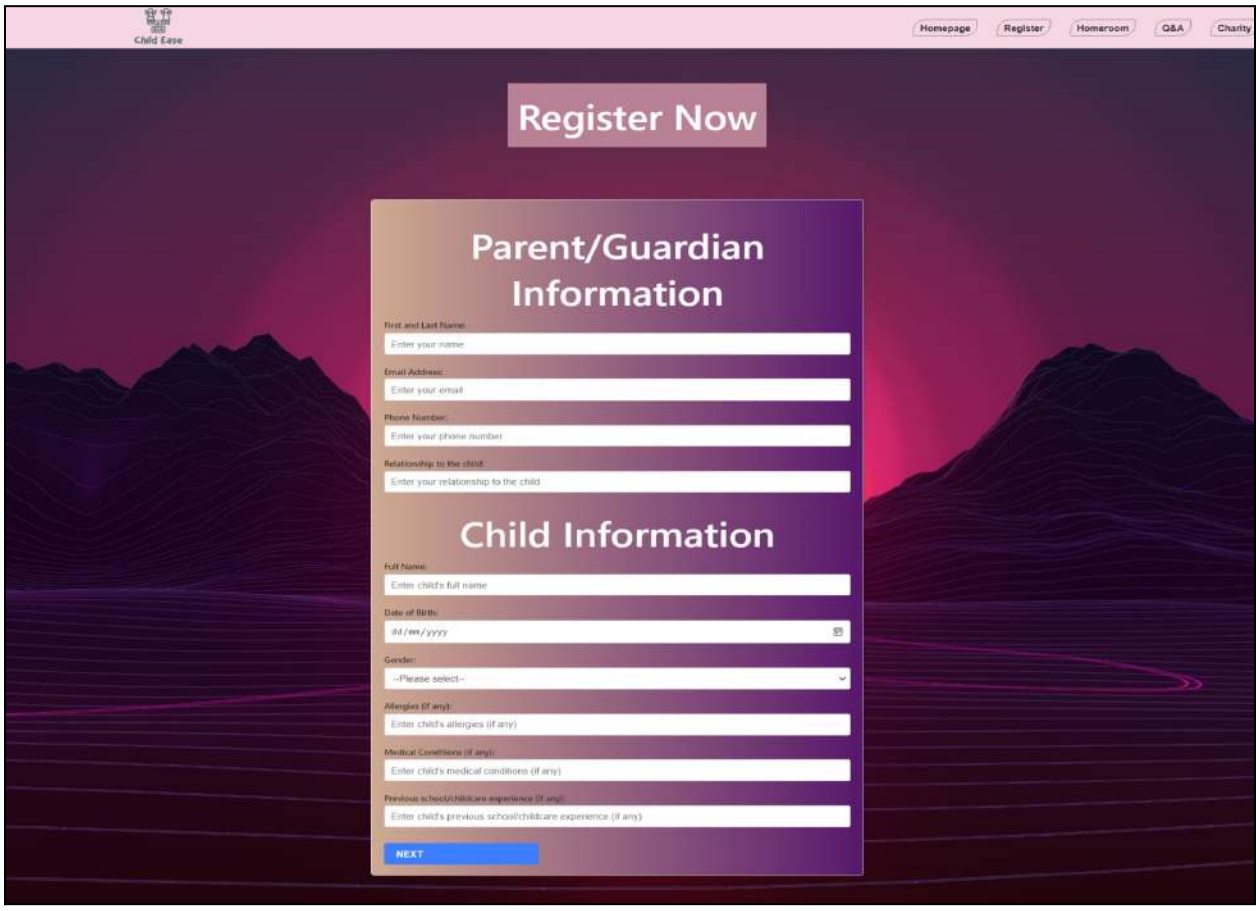


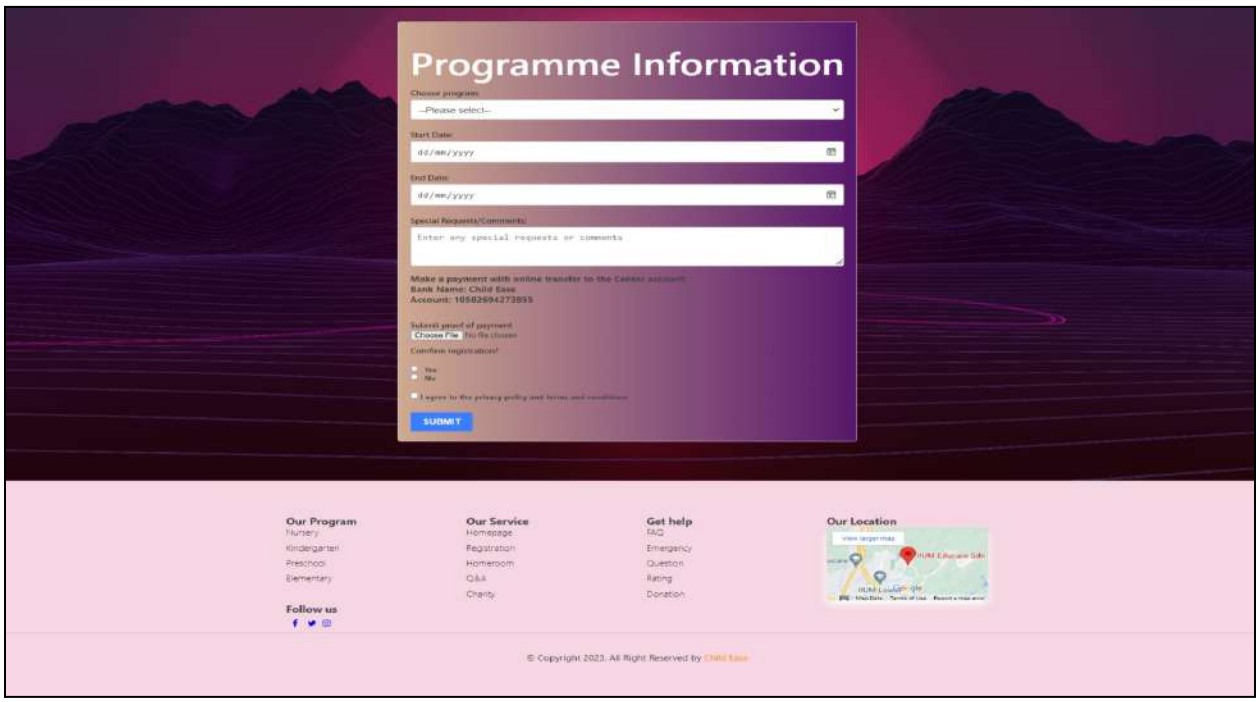
## d. Registration Page

- Register homepage



- Parents sign up their children for care at the childcare center.



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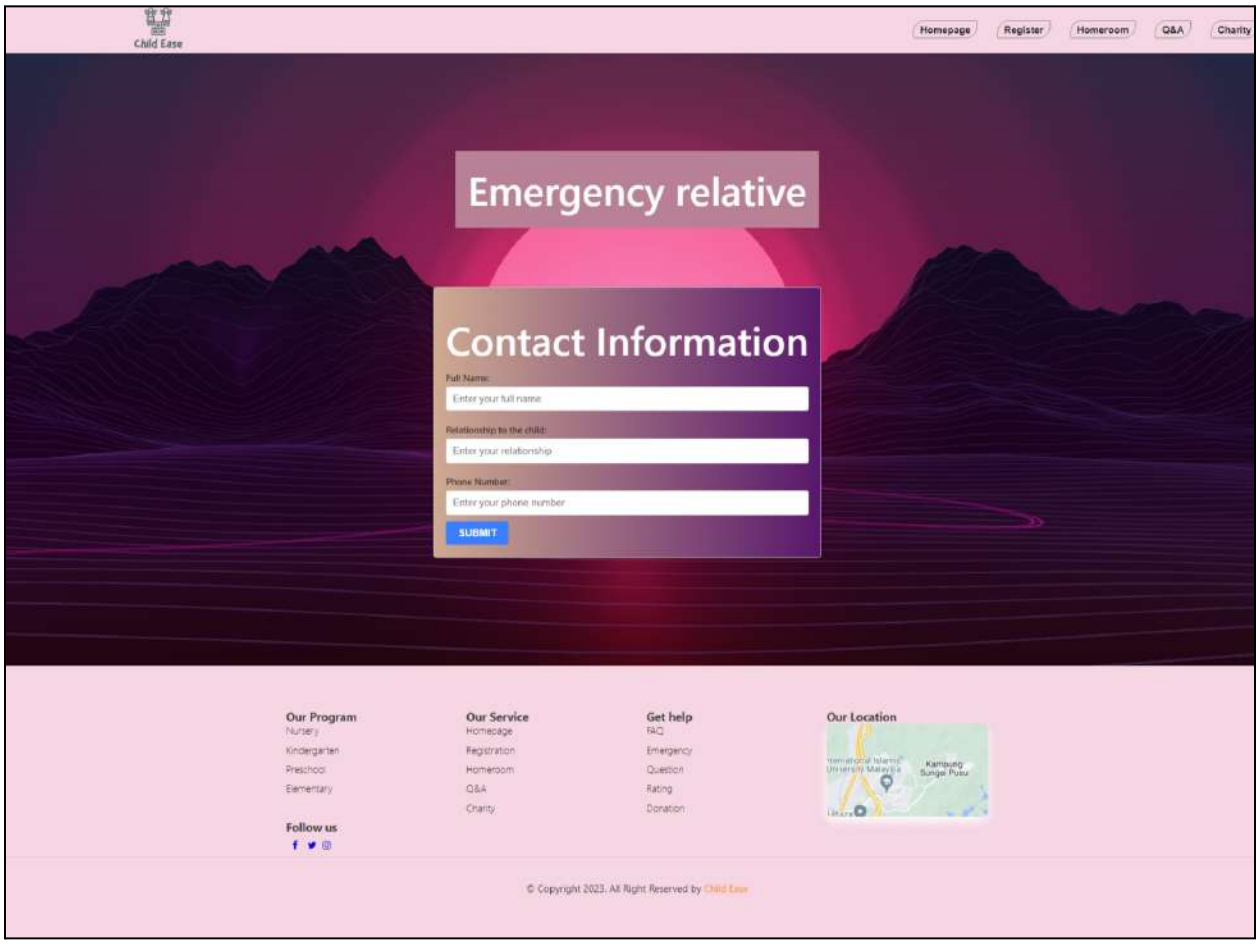
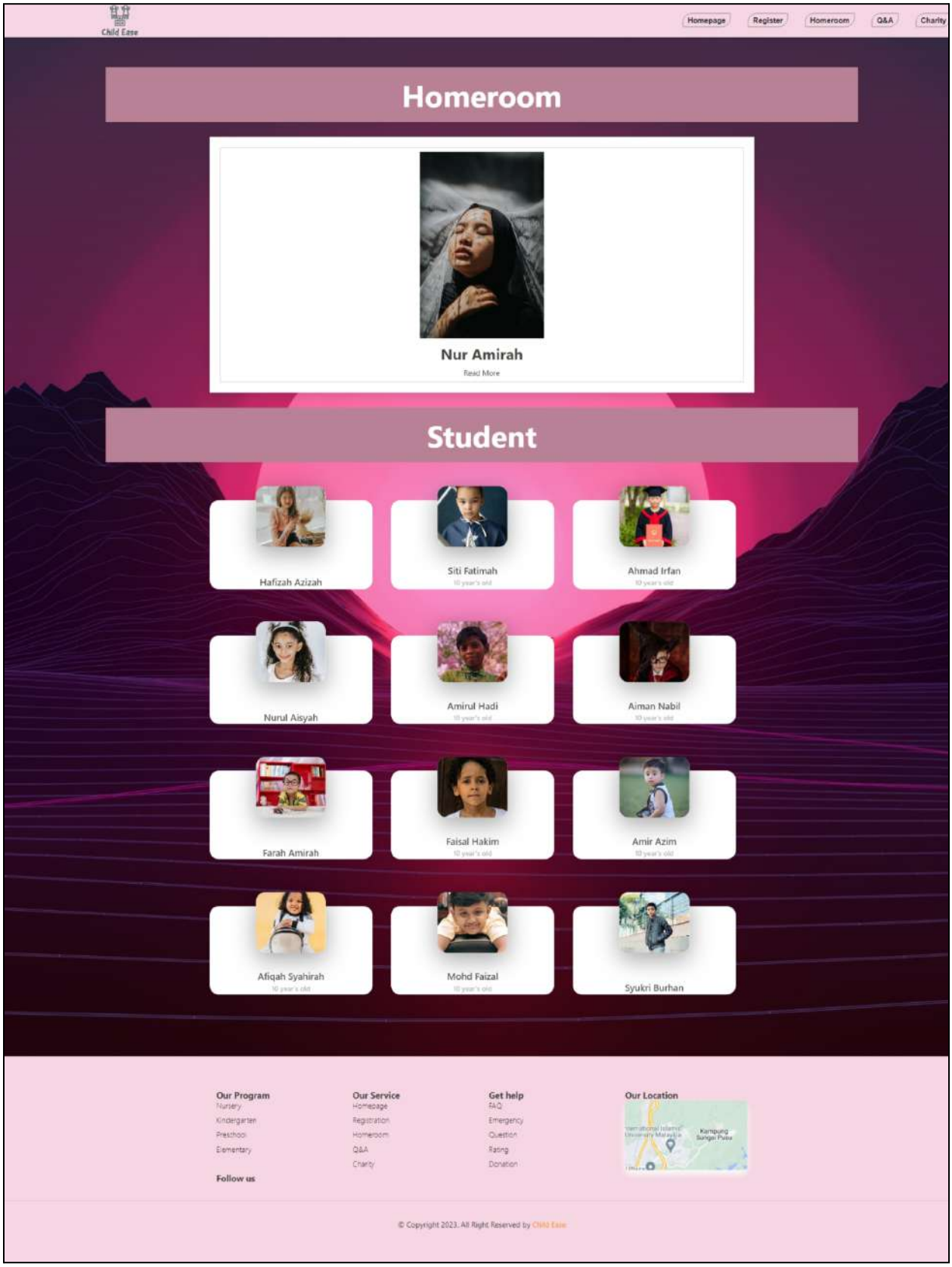


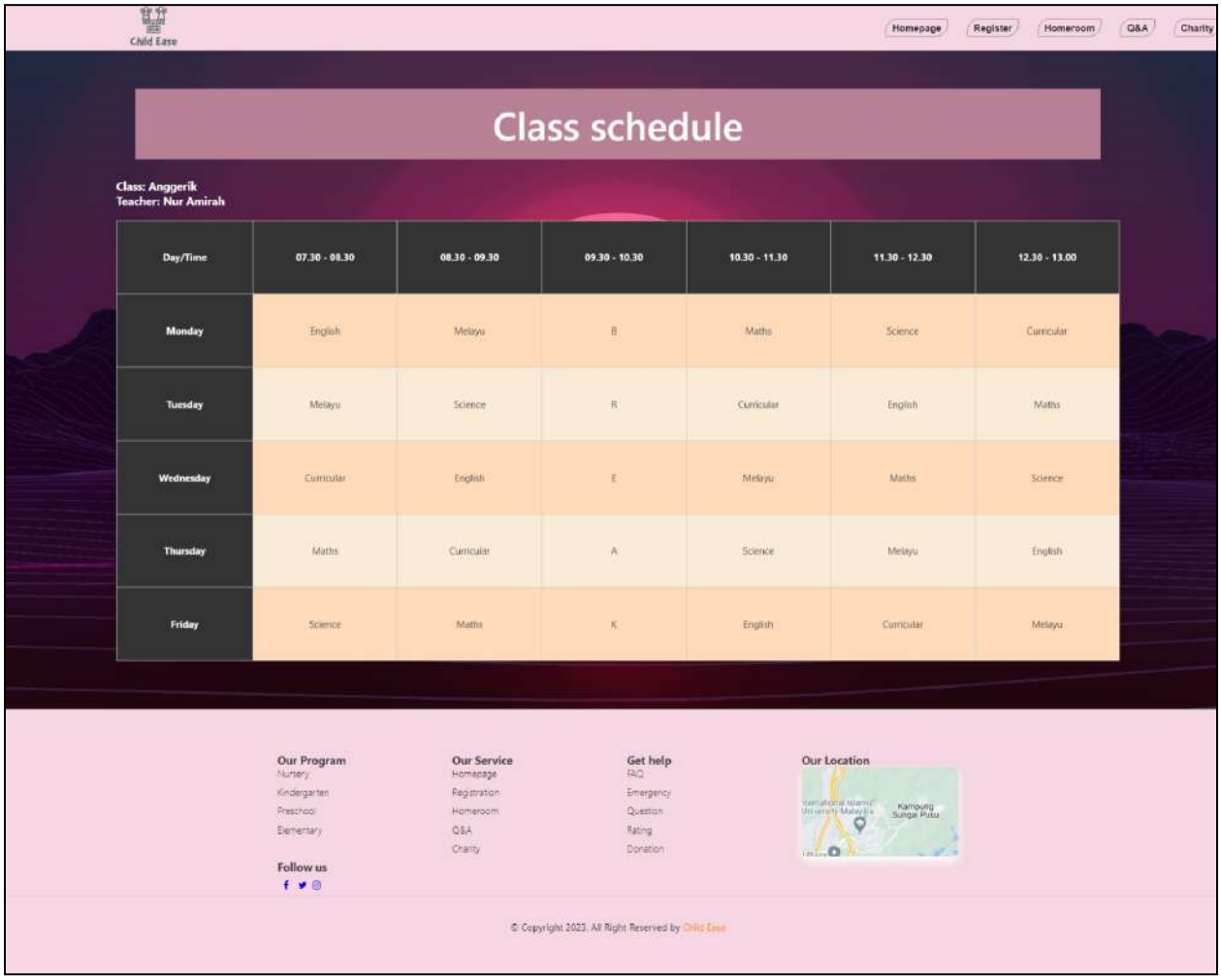
## e. Homeroom

- Homeroom homepage

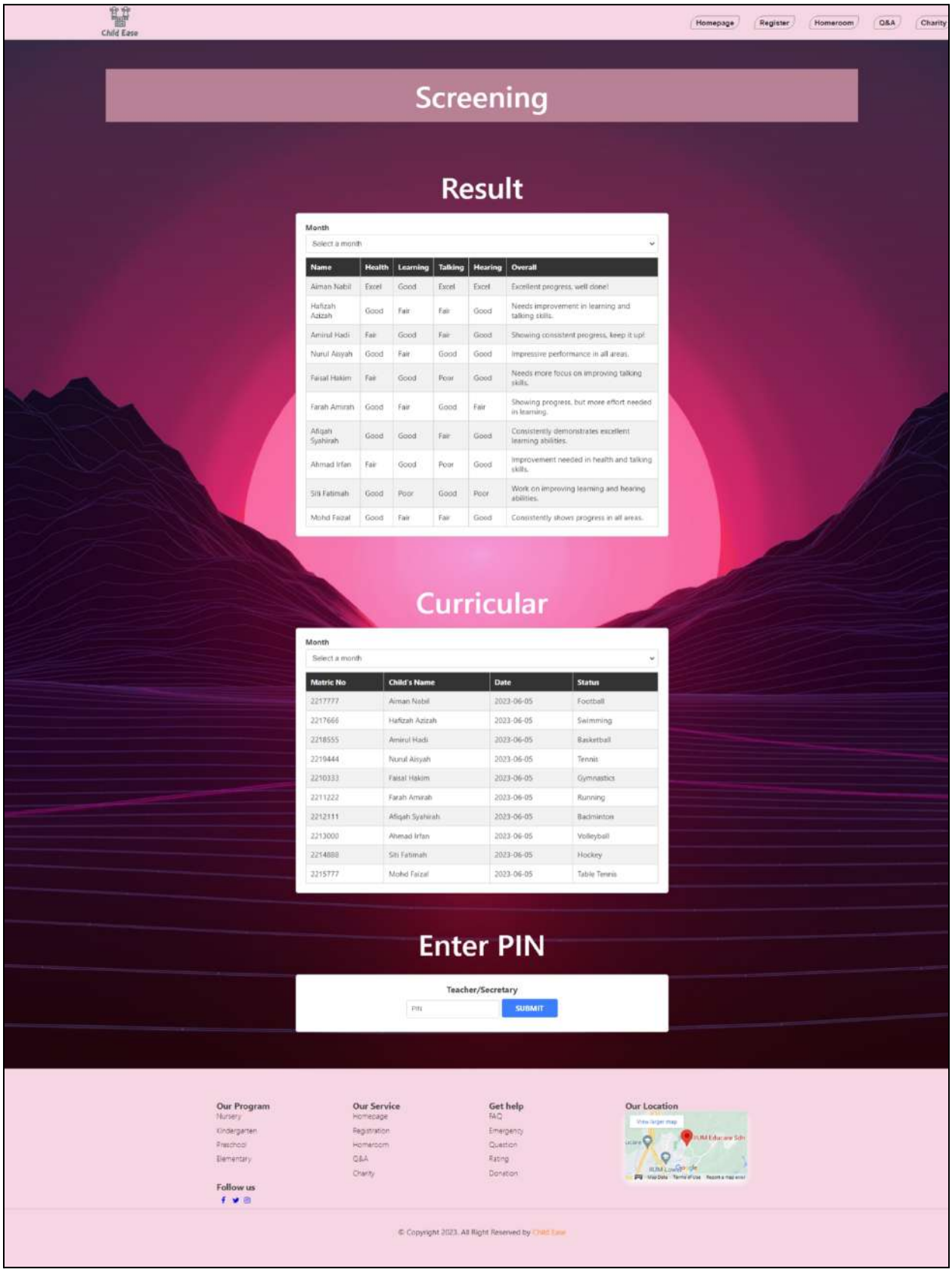
- Parents can view information about their child's assigned homeroom and teachers.



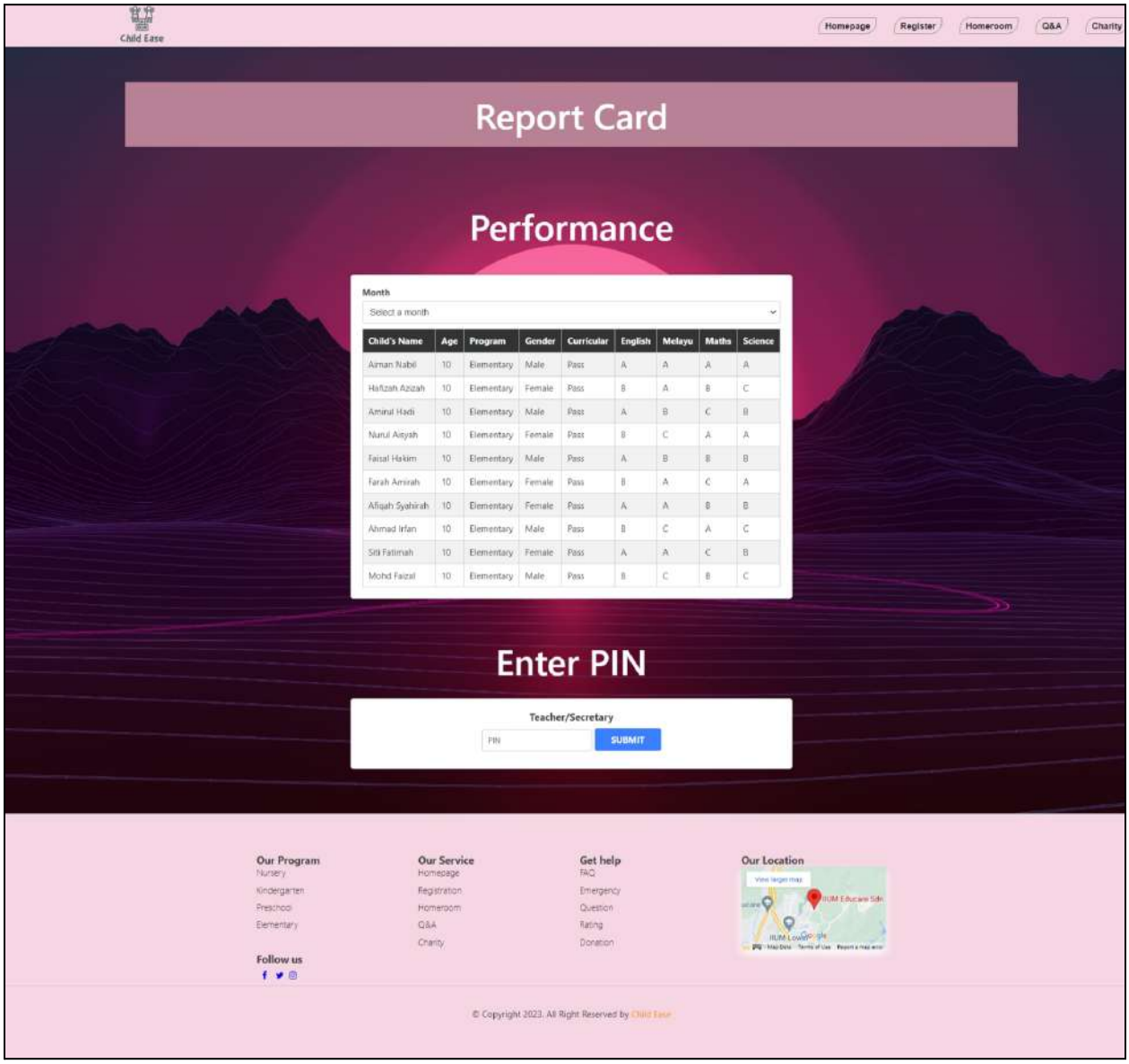
- Schedule for children classroom



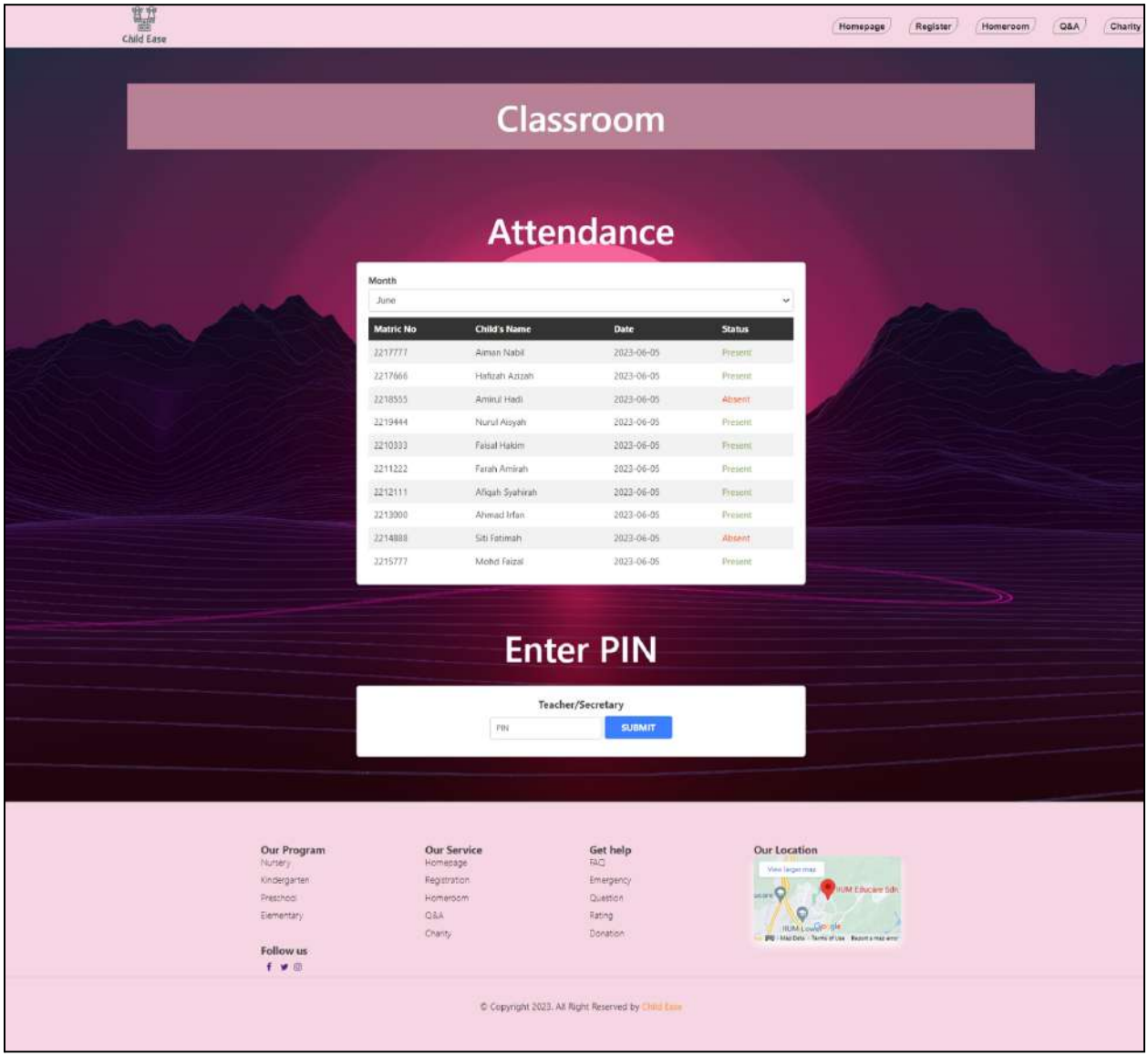
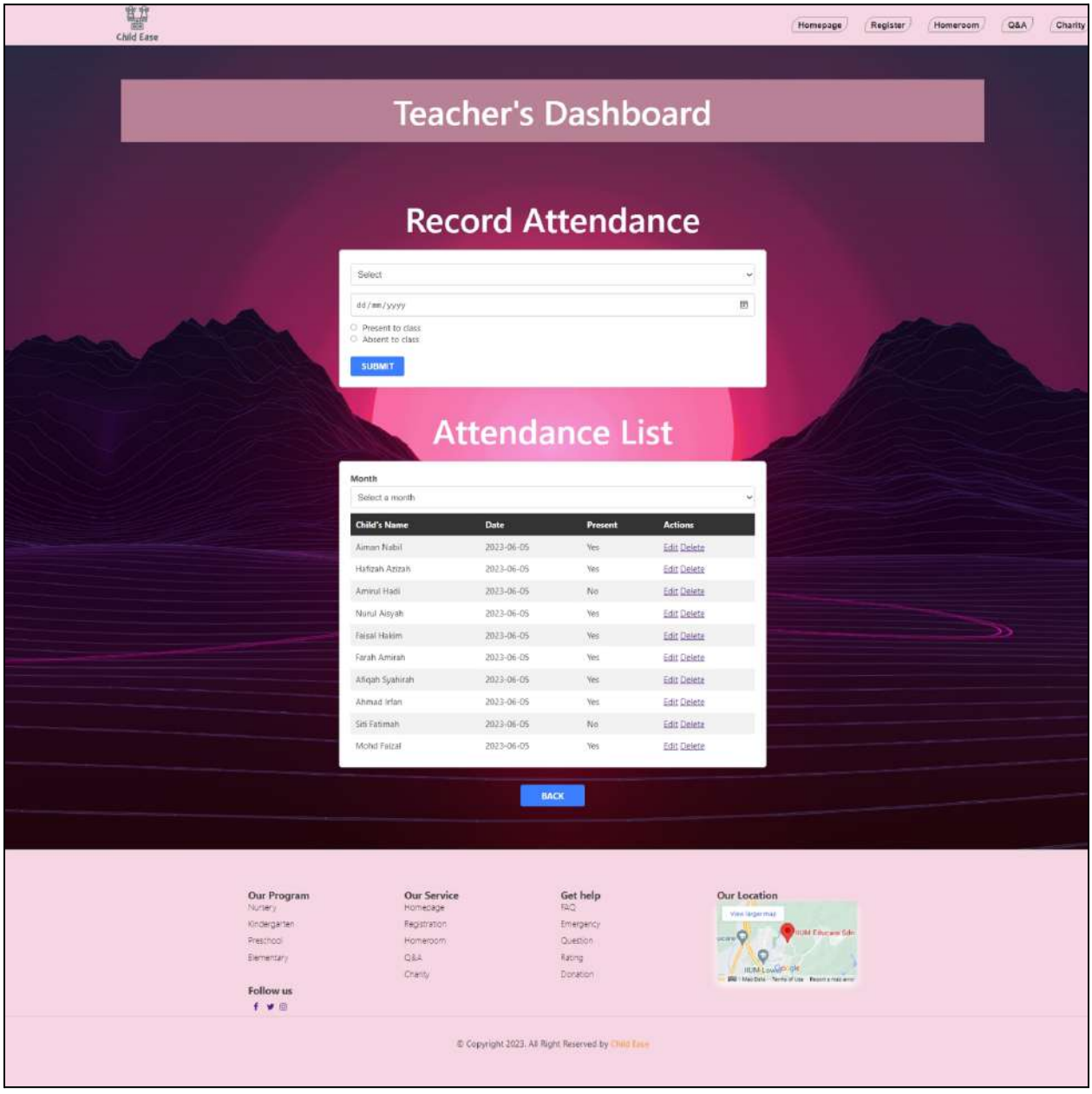
- A monthly screening result for each child and curricular activity record



- A monthly report card evaluation for children



- Daily class attendance report system



- Sample of teacher's dashboard after teacher login with the pin