

# Preschool Management Application

The scope of this project is to write Django application which will be helpful in preschool management.

Used technologies:

- Python
- Django
- MySQL
- HTML, CSS (Bootstrap)

Application allows easily adding a new child to the current group of children, adding a child to a concrete group, making a relationship between child and parents or group, adding a teacher and making relationship with group.

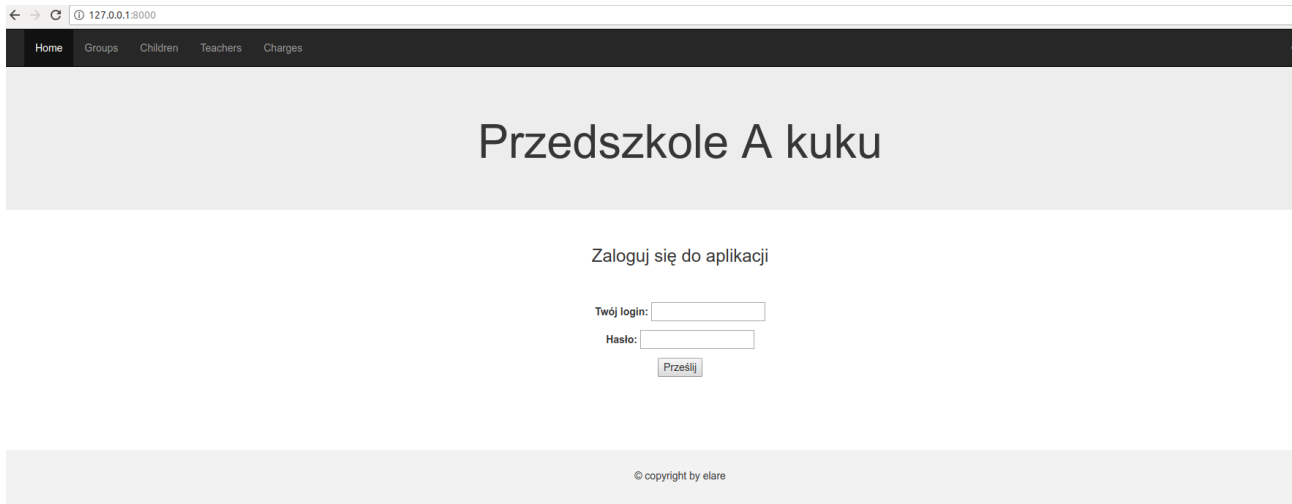
Main functionality of this application is to monthly calculate a fee for preschool for particular persons. There are couple o things which are included in this fee:

- hours in which child will be in preschool (hours free of charge are 7-12, for additional hours there will be a charge)
- big family card (KDR) which provides that those additional hours will be cheaper
- number of meals, declared in agreement with preschool
- how many day a child was in fact in preschool, it makes difference according to additional hours and a charge for meals

Application will allow easily generate a receipt for a particular person basing on provided above (this functionality is still in development).

## FUNCTIONALITIES OF APPLICATION

Login to application:



A screenshot of a web browser showing the login page for 'Przedszkole A kuku'. The browser's address bar shows '127.0.0.1:8000'. The page has a dark navigation bar with links: Home, Groups, Children, Teachers, and Charges. The main content area has a light gray background with the title 'Przedszkole A kuku' in large black font. Below the title, the text 'Zaloguj się do aplikacji' is centered. Underneath, there are two input fields: 'Twój login:' and 'Hasło:'. A 'Prześlij' button is positioned below the password field. At the bottom of the page, a footer contains the text '© copyright by elare'.

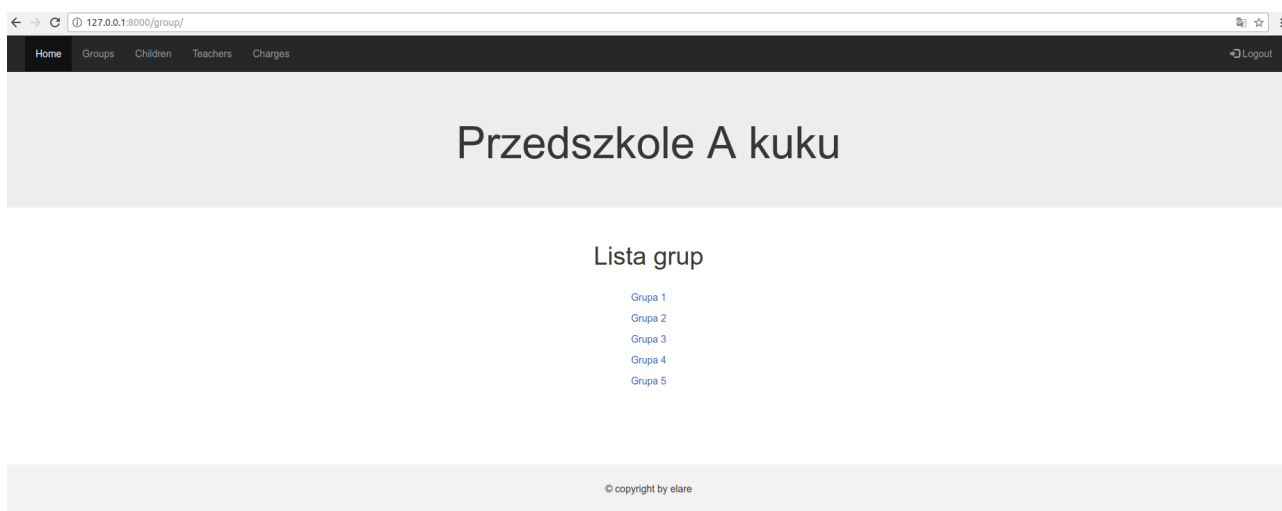
## Main views

1. Home page (view after login):

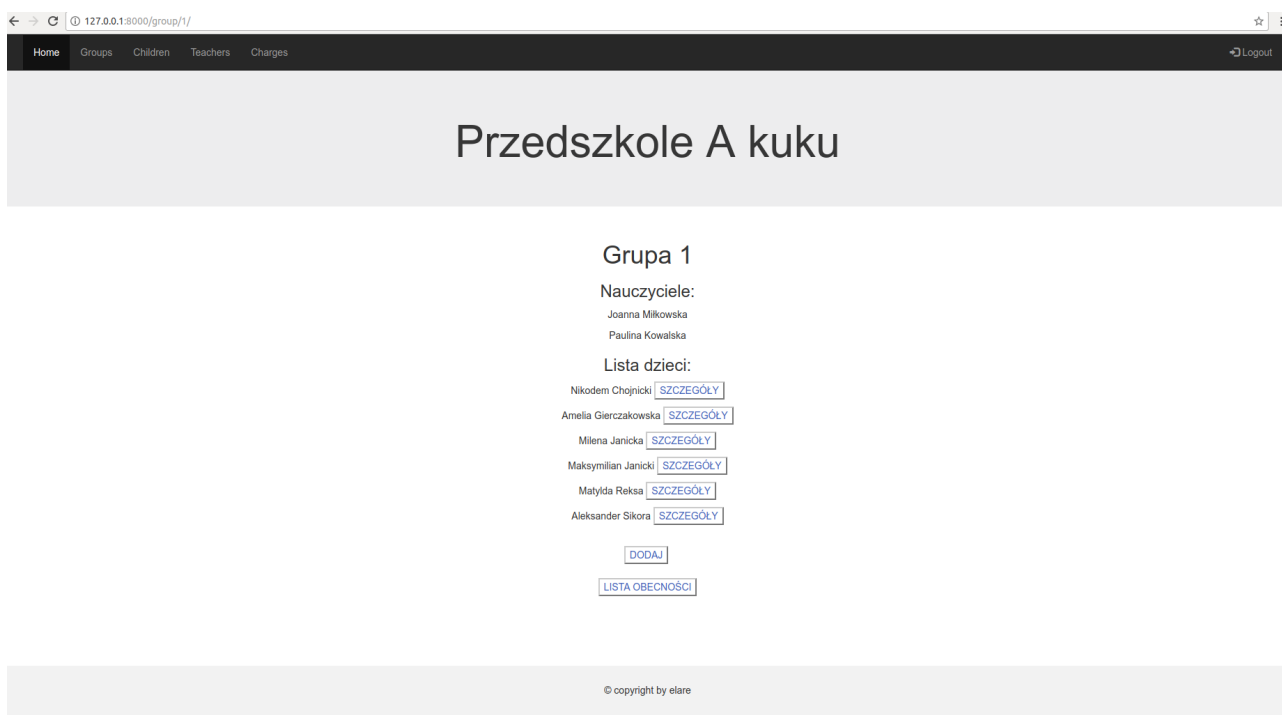


A screenshot of the web browser showing the home page after login. The address bar now shows '127.0.0.1:8000/hello/'. The navigation bar includes a 'Logout' button on the right. The main content area features the title 'Przedszkole A kuku'. Below the title, a welcome message 'Witaj w aplikacji wspomagającej zarządzanie Przedszkolem :)' is displayed. Underneath this, a smaller line of text reads 'Zarządzanie umożliwiając zakładki dostępne w górnym pasku menu'. The footer at the bottom of the page again shows '© copyright by elare'.

## 2. Groups view – list of all groups



- Details of selected group (list of teachers and children related with group)



- Possibility to add to database new child in selected group (button ‘DODAJ’)

The screenshot shows a web browser window with the URL `127.0.0.1:8000/group/1/add_child`. The page has a dark navigation bar with links: Home, Groups, Children, Teachers, Charges, and a Logout button. The main header area displays 'Przedszkole A kuku'. The central form is titled 'Dodaj osobę' and contains the following fields and controls:

- First name:
- Last name:
- Kdr:
- Start hour:
- End hour:
- Breakfast:
- Brunch:
- Dinner:
- Supper:
- Group:
- 

The footer of the page contains the text '© copyright by elare'.

- Presence list of children in selected group (button ‘LISTA OBECNOŚCI’) - insert or update data in database.

After you give date, you receive form of presence list

The screenshot shows a web browser window with the URL `127.0.0.1:8000/group/1/presence_date`. The page layout is consistent with the previous screenshot, featuring the same navigation bar and header. The main content area is titled 'Przedszkole A kuku' and contains a single input field labeled 'Day:' followed by a blue button labeled 'Dalej'.

The footer of the page contains the text '© copyright by elare'.

← → ↻ 127.0.0.1:8000/group/1/presence\_list/2017-12-08/ ☆ ⋮

Home Groups Children Teachers Charges Logout

Przedszkole A kuku

Grupa 1

Lista obecności:

Matylda Reksa: Yes ▾

Amelia Gierczakowska: Yes ▾

Nikodem Chojnicki: Yes ▾

Maksymilian Janicki: No ▾

Milena Janicka: Yes ▾

Aleksander Sikora: No ▾

Prześlij

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3. Children view – list of all children

← → ↻ 127.0.0.1:8000/children/ ☆ ⋮

Home Groups Children Teachers Charges Logout

Przedszkole A kuku

Lista wszystkich dzieci:

Nikodem Chojnicki SZCZEGÓŁY

Jaś Fasola SZCZEGÓŁY

Amelia Gierczakowska SZCZEGÓŁY

Zofia Jakowska SZCZEGÓŁY

Milena Janicka SZCZEGÓŁY

Maksymilian Janicki SZCZEGÓŁY

Gaja Klasowska SZCZEGÓŁY

Antoni Kowalski SZCZEGÓŁY

Hanna Leśniewska SZCZEGÓŁY

Mirek Martyniak SZCZEGÓŁY

Anna Mołęda SZCZEGÓŁY

Kajetan Olchowski SZCZEGÓŁY

Matylda Reksa SZCZEGÓŁY

Aleksander Sikora SZCZEGÓŁY

Antonina Szymkowska SZCZEGÓŁY

Dominika Zdybek SZCZEGÓŁY

- Details of selected child with possibility to update data in database ('SZCZEGÓŁY')

The screenshot shows a web browser window with the URL `127.0.0.1:8000/group/1/9`. The navigation bar includes 'Home', 'Groups', 'Children', 'Teachers', and 'Charges', with a 'Logout' button on the right. The main header displays 'Przedszkole A kuku'. The form contains the following fields:

- First name:
- Last name:
- Kdr:
- Start hour:
- End hour:
- Breakfast:
- Brunch:
- Dinner:
- Supper:
- Group:

A 'Prześlij' button is located below the form. The footer contains the text '© copyright by elare'.

- Teachers view – list of all teachers with the possibility of adding to database new teacher ('DODAJ')

The screenshot shows a web browser window with the URL `127.0.0.1:8000/teachers/`. The navigation bar is identical to the previous page. The main header displays 'Przedszkole A kuku'. The page content includes the text 'Lista nauczycieli:' followed by a list of names:

- Iwona Dąbrowska
- Katarzyna Gąsiorowska
- Anna Kowal
- Paulina Kowalska
- Anna Kowalska
- Katarzyna Michalska
- Joanna Milkowska

A 'DODAJ' button is located below the list. The footer contains the text '© copyright by elare'.

- Add teacher view

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/teachers/add/". The page has a dark navigation bar with links: Home, Groups, Children, Teachers, and Charges. A "Logout" link is in the top right. The main content area has a light gray header with the text "Przedszkole A kuku". Below this, the form is titled "Dodaj nauczyciela:". It contains two text input fields for "First name:" and "Last name:", a "Group:" dropdown menu, and a "Prześlij" button. The footer of the page contains the text "© copyright by elare".

127.0.0.1:8000/teachers/add/ Logout

Home Groups Children Teachers Charges

# Przedszkole A kuku

Dodaj nauczyciela:

First name:

Last name:

Group:

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5. Charges view - this functionality is still in development