

# Flask RESTful API Documentation

## Introduction

This documentation provides an overview of the Flask RESTful API named "Thinking." The API includes various resources such as Hello, ParentRegister, ParentLogin, Kid, School, Class, SubClass, Topics, PinCode, Password, Apps, BlockApps, Avatar, KidScreen, KidProfile, QuestionsStatus, Questions, and Answer.

## API Structure

The API is structured using Flask and Flask-RESTful. Each resource is represented by a separate class, and endpoints are defined for each resource.

## API Resources

### Hello

This resource provides a simple greeting message.

- Endpoint: */api/hello*

#### Methods:

- - GET: Returns a simple greeting message.

### ParentRegister

This resource handles the registration of a parent.

- Endpoint: */api/parent*

#### Methods:

- - POST: Handles the registration of a parent.

### ParentLogin

This resource handles the login of a parent.

- Endpoint: */api/login/parent*

#### Methods:

- - POST: Handles the login of a parent.

### Kid

This resource provides functionality related to kids.

- Endpoint: */api/add/kid*

#### Methods:

- - POST: Creates a new kid.
  - GET: Retrieves information about a kid.
- - DELETE: Deletes a kid.

## School

This resource provides information about schools.

- Endpoint: */api/schools*

### Methods:

- GET: Retrieves a list of schools.
- POST: Adds new kid's school information.

## Class

This resource provides functionality related to classes.

- Endpoint: */api/classes*

### Methods:

- GET: Retrieves a list of classes.
- POST: Creates a new class.

## SubClass

This resource provides functionality related to subclasses.

- Endpoint: */api/subclasses*

### Methods:

- GET: Retrieves a list of subclasses.
- POST: Creates a new subclass.

## Topics

This resource provides information about topics.

- Endpoint: */api/topics*

### Methods:

- GET: Retrieves a list of topics.
- POST: Creates a new topic.

## PinCode

This resource provides functionality related to PIN codes.

- Endpoint: */api/pin*

### Methods:

- POST: Creates a new PIN code.
- PUT: Updates an existing PIN code.
- GET: Sends a new PIN code to email.

## Password

This resource provides functionality related to passwords.

- Endpoint: */api/password*

### Methods:

- PUT: Updates the password.

## Apps

This resource provides information about apps.

- Endpoint: */api/apps*

### Methods:

- POST: Creates a new app.
- GET: Retrieves a list of apps.

## BlockApps

This resource provides functionality for blocking apps.

- Endpoint: */api/block*

### Methods:

- POST: Handles blocking apps for a specific user.

## Avatar

This resource provides functionality for updating avatars.

- Endpoint: */api/avatar*

### Methods:

- PUT: Handles updating the avatar.

## KidScreen

This resource provides functionality for retrieving kid's screen information.

- Endpoint: */api/kid\_screen*

### Methods:

- GET: Retrieves kid's screen information.

## KidProfile

This resource provides functionality for managing a kid's profile.

- Endpoint: */api/change\_kid*

### Methods:

- PUT: Updates the kid's profile information.

## QuestionsStatus

This resource provides functionality for retrieving the status of questions.

- Endpoint: */api/stat/question*

### Methods:

- GET: Retrieves the status of questions for a specific kid.

## Questions

This resource provides functionality for retrieving questions.

- Endpoint: */api/question*

### Methods:

- GET: Retrieves questions.

## Answer

This resource provides functionality for submitting answers.

- Endpoint: */api/answer*

### **Methods:**

- - GET: Submits an answer for a specific kid and question.

## Running the API

To run the API, execute the following command:

```
'''bash python filename.py
```